From: Hoffer, Melissa [Hoffer.Melissa@epa.gov]

Sent: 2/24/2021 4:26:45 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]

CC: Adhar, Radha [Adhar.Radha@epa.gov]

Subject: RE: Methane rescission rule

Agree.

From: Goffman, Joseph <Goffman.Joseph@epa.gov> Sent: Wednesday, February 24, 2021 10:21 AM

To: Utech, Dan < Utech. Dan@epa.gov>; Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Cc: Adhar, Radha < Adhar.Radha@epa.gov>

Subject: RE: Methane rescission rule

Radha, given the third bullet point, and generally. Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Utech, Dan < Utech.Dan@epa.gov>
Sent: Wednesday, February 24, 2021 10:01 AM

To: Hoffer, Melissa < Hoffer. Melissa@epa.gov >; Goffman, Joseph < Goffman. Joseph@epa.gov >

Cc: Adhar, Radha < Adhar.Radha@epa.gov > Subject: FW: Methane rescission rule

Per below, the WH climate office would like to pull together a discussion on methane/CRA. On the EPA end, I expect that's you two at minimum. Would you want anyone else in the discussion?

From: Hayes, David J. EOP/WHO Ex. 6 Personal Privacy (PP)

Sent: Wednesday, February 24, 2021 8:52 AM

To: Utech, Dan < Utech.Dan@epa.gov; Ceronsky, Megan M. EOP/WHC Ex. 6 Personal Privacy (PP)

Cc: Zaidi, Ali A. EOP/WHO Ex. 6 Personal Privacy (PP) Hayes, David J. EOP/WHO Ex. 6 Personal Privacy (PP)

Subject: Methane rescission rule

Dan and Megan:

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

I would like to pull together a meeting so we can facilitate a final decision on the matter. Let me know who you think should be in the meeting.

Thanks.

David J. Hayes Special Ass't to the President for Climate Policy White House Climate Policy Office Cell: 202-881-9744 From: Grundler, Christopher [grundler.christopher@epa.gov]

Sent: 2/19/2021 2:13:28 AM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]

Subject: Re: NDC Update: the moment of reckoning is nigh

Understood.

Ex. 5 Deliberative Process (DP)

Gina will be familiar with this tension having lived through it before.

Chris

Christopher Grundler, Director Office of Atmospheric Programs U.S. Environmental Protection Agency (202) 343-9140 (Office) (734) 645-5221 (Mobile)

On Feb 18, 2021, at 8:42 PM, Grundler, Christopher <grundler.christopher@epa.gov> wrote:

Hahaha. A bit more sophisticated than "welp", the last word I used you had to look up

Christopher Grundler, Director Office of Atmospheric Programs U.S. Environmental Protection Agency (202) 343-9140 (Office) (734) 645-5221 (Mobile)

On Feb 18, 2021, at 8:24 PM, Goffman, Joseph <Goffman.Joseph@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) I am meeting with Gina tomorrow on another issue and I will try to see where she might be on all this.

Drive safe.

Sent from my iPhone

On Feb 18, 2021, at 8:02 PM, Grundler, Christopher <grundler.christopher@epa.gov> wrote:

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

As a reminder.	Ex. 6 Pe	rsonal Pr	ivacy (Pi	P)
Ex. 6 Personal I	Privacy (PP)			
		1		

Chris

Christopher Grundler, Director Office of Atmospheric Programs U.S. Environmental Protection Agency 202.343.9140 (o) 734.645.5221 (m)

From: Hoffer, Melissa [Hoffer.Melissa@epa.gov]

Sent: 2/9/2021 1:45:40 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]

Subject: Re: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

:-)

Sent from my iPhone

On Feb 8, 2021, at 10:21 PM, Goffman, Joseph <Goffman.Joseph@epa.gov> wrote:

My apologies, Melissa. I think you've told me this about 10 times, so cheer up you'll only have to tell me 20 more times until it finally sinks in.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Sent: Monday, February 8, 2021 9:15 PM

To: Goffman, Joseph < Goffman. Joseph@epa.gov>

Cc: Garbow, Avi <Garbow.Avi@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan

<Utech.Dan@epa.gov>; Hamilton, Lindsay <Hamilton.Lindsay@epa.gov>
Subject: Re: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Thanks Joe.

A reminder that I am recused from this matter (as concerns litigation strategy) and should be taken off further correspondence relating to it. Thank you.

Sent from my iPhone

On Feb 8, 2021, at 7:17 PM, Goffman, Joseph <Goffman.Joseph@epa.gov> wrote:

I will forward you what we sent down to the AO. Hang on.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Garbow, Avi <<u>Garbow.Avi@epa.gov</u>> Sent: Monday, February 8, 2021 7:16 PM

To: Goffman, Joseph < Goffman, Joseph@epa, gov >; Adhar, Radha

<Adhar.Radha@epa.gov>; Utech, Dan < Utech.Dan@epa.gov>; Hamilton, Lindsay <Hamilton.Lindsay@epa.gov> Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov> Subject: RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation Thanks Joe. While I do not see pre-read materials for tomorrow's briefing (may be that I just didn't get them), Ex. 5 AC/AWP/DP I suggest that this group convene separate from the larger briefing group tomorrow and happy to talk with you and others tonight or tomorrow. avi From: Goffman, Joseph < Goffman. Joseph@epa.gov> Sent: Monday, February 8, 2021 7:10 PM To: Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan <Utech.Dan@epa.gov>; Garbow, Avi <Garbow.Avi@epa.gov>; Hamilton, Lindsay <Hamilton,Lindsay@epa.gov> Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov> Subject: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation I want to bring your attention to potential impending actions — Ex. 5 AC/AWP/DP Ex. 5 AC/AWP/DP Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

I'm around if anyone wants to chat this evening. Otherwise, we will be ready to discuss all this at our briefing tomorrow

Thanks.

Joseph Goffman Acting Assistant Administrator Office of Air and Radiation U.S. Environmental Protection Agency

From: Culligan, Kevin < Culligan. Kevin@epa.gov>

Sent: Monday, February 8, 2021 5:54 PM

To: Goffman, Joseph < Goffman.Joseph@epa.gov >

Cc: Tsirigotis, Peter < Tsirigotis. Peter@epa.gov>; Campbell, Ann

<<u>Campbell.Ann@epa.gov</u>> **Subject:** Update on ACE Letter

Ex. 5 AC/AWP/DP

- it. Do not hesitate to call me.
 - Kevin (202)222-5351

Katims, Casey [Katims.Casey@epa.gov] From:

Sent: 2/18/2021 6:52:50 PM

To: Arroyo, Victoria [Arroyo.Victoria@epa.gov]

CC: Veney, Carla [Veney.Carla@epa.gov]; Torma, Tim [Torma.Tim@epa.gov]; Klasen, Matthew

[Klasen.Matthew@epa.gov]

Subject: RE: GHG panel discussion at ECOS

Wonderful, thank you Vicki! You will be great for this.

I am adding Matt Klasen who can confirm this with ECOS and get you added to the agenda, and can work with your team on prep. I will also note for scheduling purposes there is a prep call with all the speakers on Thursday 2/25 at 4:00-4:30p, and we'll want to get you added to that as well.

More soon! Thanks again,

Casey

From: Arroyo, Victoria < Arroyo. Victoria@epa.gov> Sent: Thursday, February 18, 2021 12:34 PM

To: Goffman, Joseph <Goffman.Joseph@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>

Cc: Veney, Carla <Veney.Carla@epa.gov>; Torma, Tim <Torma.Tim@epa.gov>

Subject: RE: GHG panel discussion at ECOS

Yes, of course, Joe! Thank you and looping Carla in to please hold on my calendar and asking Tim to help give some thought to remarks (will circle back on those as it approaches).

Thanks for the fun opportunity, Casey and Joe!

Vicki

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

Sent: Thursday, February 18, 2021 10:52 AM

To: Katims, Casey < Katims. Casey@epa.gov>; Arroyo, Victoria < Arroyo. Victoria@epa.gov>

Subject: RE: GHG panel discussion at ECOS

Vicki-If you're game, I think it would be kind of neat for you to do this given your connection with the states. Thanks.

Joseph Goffman **Acting Assistant Administrator** Office of Air and Radiation

U.S. Environmental Protection Agency

From: Arroyo, Victoria < Arroyo. Victoria@epa.gov>

Sent: Thursday, February 11, 2021 7:21 AM

To: Goffman, Joseph <Goffman.Joseph@epa.gov>; Katims, Casey <Katims.Casey@epa.gov>

Subject: RE: GHG panel discussion at ECOS

Good morning Joe and Casey! That's a fun line-up and would be nice to virtually see some of our state friends, and I'm certainly willing to do it. But I'm sure folks will be especially eager to hear from Joe (if we are ready) re: EPA's approach to some of the large GHG regs his shop will be lead on (e.g., power sector, vehicle standards...), and I also want to point out that Joe would add some much-needed gender diversity! (Is there a female equivalent of a manel? A fanel?)

So I would suggest giving folks what they want to hear and defer to Joe on whether he wants to be "out there" yet on those policies next month because I know those would be of most interest. If I were to do it, I could speak to some of the programs in OP that relate to "sustainable community" investment, and link that to some of the work I've done recently in the states around GHG reduction/investment in EVs, active transportation, etc. and talk about how those might be scaled up given the Biden-Harris "all of government" commitments on climate, equity, etc.

At some point, it really would be great to have a conversation about how we might build on and help scale up some of the state and regional leadership on these issues. I'm recalling some of the convenings that GCC and others also did around the CPP (Joe is very familiar) and how we might partner more with various state conveners working on GHG reductions across sectors and support state leadership. But since this is just a month out, I'm not sure how much we will have to say or how specific we might want to be on either regulatory or other commitments of this nature.

Regardless of who does it, I think a conversation to brainstorm about some of these ideas would be worthwhile and productive for this and for other purposes as well please!

Best, Vicki

From: Goffman, Joseph < Goffman, Joseph@epa.gov > Sent: Wednesday, February 10, 2021 10:50 PM

To: Katims, Casey < Katims. Casey@epa.gov>; Arroyo, Victoria < Arroyo. Victoria@epa.gov>

Subject: RE: GHG panel discussion at ECOS

Happy to cover if Vicki doesn't want to. Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Katims, Casey < Katims.Casey@epa.gov > Sent: Wednesday, February 10, 2021 6:42 PM

To: Arroyo, Victoria < Arroyo. Victoria@epa.gov>; Goffman, Joseph < Goffman. Joseph@epa.gov>

Subject: GHG panel discussion at ECOS

Vicki and Joe:

Reaching out about a panel discussion on GHG reduction at the ECOS spring meeting. They had originally invited Janet McCabe to participate, but I am anticipating her confirmation may still be ongoing.

Knowing you'd both be great speaking on this, I wanted to gauge if either of you may be interested/available to step in and speak on behalf of the agency? Details are below.

Let me know what you think! And thanks for considering.

Casey

Wednesday, March 17

2:00-2:40 p.m. Eastern

Roundtable & Open Discussion: Innovative Policy Approaches to Greenhouse Gas Reduction

As climate moves to center stage at the federal level, states will continue to play a key role in driving reductions of greenhouse gas (GHG) emissions. Join this panel of state and federal policymakers as they explore strategies for GHG reduction in various sectors.

- ECOS Air Committee Chair Sheila Holman, Assistant Secretary for the Environment, North Carolina Department of Environmental Quality (moderator)
- Janet Coit, Director, Rhode Island Department of Environmental Management
- Trisha Oeth, Acting Environmental Programs Policy Advisor, Colorado Department of Public Health & Environment
- The Hon. Gina McCarthy, National Climate Advisor, White House, and former Administrator, U.S. Environmental Protection Agency (invited)
- The Hon. Janet McCabe, Deputy Administrator, U.S. Environmental Protection Agency (invited pending confirmation)

From: McCarthy, Gina A. EOP/WHO [Regina.A.McCarthy] Ex. 6 Personal Privacy (PP)

Sent: 2/21/2021 7:55:23 PM

To: Utech, Dan [Utech.Dan@epa.gov]

CC: Goffman, Joseph [Goffman.Joseph@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]

Subject: Re: Connecting you

Thanks Dan!

Sent from my iPhone

> On Feb 21, 2021, at 2:22 PM, Utech, Dan <Utech.Dan@epa.gov> wrote:

> Gina, connecting you with Paul Gunning, who can help with the ghg inventory. Best, Dan

From: Arroyo, Victoria [Arroyo.Victoria@epa.gov]

Sent: 2/18/2021 5:33:57 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]; Katims, Casey [Katims.Casey@epa.gov]

CC: Veney, Carla [Veney.Carla@epa.gov]; Torma, Tim [Torma.Tim@epa.gov]

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Yes, of course, Joe! Thank you and looping Carla in to please hold on my calendar and asking Tim to help give some thought to remarks (will circle back on those as it approaches).

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Vicki-If you're game, I think it would be kind of neat for you to do this given your connection with the states. Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Katims, Casey < Katims.Casey@epa.gov > Sent: Tuesday, February 16, 2021 10:48 AM

To: Arroyo, Victoria Arroyo, Victoria@epa.gov; Goffman, Joseph@epa.gov

Subject: RE: GHG panel discussion at ECOS

Joe, seems like this comes down to your comfort level in going out there and speaking for OAR on emissions reductions in the March timeframe. Would you feel "ready" to speak to this topic next month? If so, I think you'd be great. If not, seems like Vicki has some great topics to speak to instead.

Thanks Vicki for these excellent thoughts — I fully agree that a conversation on state/regional partnerships would be worthwhile! Let me know if OP wants to convene or the best way to get on the books.

Again, thanks to you both,

Casey

From: Arroyo, Victoria < Arroyo. Victoria@epa.gov >

Sent: Thursday, February 11, 2021 7:21 AM

To: Goffman, Joseph < Goffman, Joseph@epa.gov >; Katims, Casey < Katims, Casey@epa.gov >

Subject: RE: GHG panel discussion at ECOS

Good morning Joe and Casey! That's a fun line-up and would be nice to virtually see some of our state friends, and I'm certainly willing to do it. But I'm sure folks will be especially eager to hear from Joe (if we are ready) re: EPA's approach to some of the large GHG regs his shop will be lead on (e.g., power sector, vehicle standards...), and I also want to point out that Joe would add some much-needed gender diversity! (Is there a female equivalent of a manel? A fanel?)

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Best, Vicki

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To: Katims, Casey < Katims. Casey@epa.gov>; Arroyo, Victoria < Arroyo. Victoria@epa.gov>

Subject: RE: GHG panel discussion at ECOS

Happy to cover if Vicki doesn't want to. Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

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Subject: GHG panel discussion at ECOS

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- Trisha Oeth, Acting Environmental Programs Policy Advisor, Colorado Department of Public Health & Environment
- The Hon. Gina McCarthy, National Climate Advisor, White House, and former Administrator, U.S. Environmental Protection Agency (invited)
- The Hon. Janet McCabe, Deputy Administrator, U.S. Environmental Protection Agency (invited pending confirmation)

From: McGartland, Al [McGartland.Al@epa.gov]

Sent: 2/21/2021 12:14:09 AM

To: Barron, Alexander R. EOP/OMB Ex. 6 Personal Privacy (PP) ; Goffman, Joseph [Goffman.Joseph@epa.gov];

Arroyo, Victoria [Arroyo.Victoria@epa.gov]

CC: Fawcett, Allen [Fawcett.Allen@epa.gov]
Subject: RE: Near-final SC-GHG blog with restructuring

All good points. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

OK on your second point. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (IPP) But I am sure you understand the issue.

From: Barron, Alexander R. EOP/OMB Ex. 6 Personal Privacy (PP)

Sent: Saturday, February 20, 2021 4:49 PM

To: McGartland, Al <McGartland.Al@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>; Arroyo, Victoria

<Arroyo.Victoria@epa.gov>

Cc: Fawcett, Allen <Fawcett.Allen@epa.gov>

Subject: RE: Near-final SC-GHG blog with restructuring

Thanks Al. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Α

From: McGartland, Al < McGartland.Al@epa.gov>
Sent: Saturday, February 20, 2021 4:28 PM

To: Barron, Alexander R. EOP/OMB Ex. 6 Personal Privacy (PP) Goffman, Josep

<Goffman.Joseph@epa.gov>; Arroyo, Victoria <Arroyo.Victoria@epa.gov>

Cc: Fawcett, Allen < Fawcett. Allen@epa.gov>

Subject: RE: Near-final SC-GHG blog with restructuring

I know I am late, but an idea/issue just hit me.

Ex. 5 Deliberative Process (DP)

From: Barron, Alexander R. EOP/OMB **Ex. 6 Personal Privacy (PP)**

Sent: Saturday, February 20, 2021 7:00 AIV

To: Goffman, Joseph < Goffman. Joseph@epa.gov >; Arroyo, Victoria < Arroyo. Victoria@epa.gov >

Cc: McGartland, Al < McGartland. Al@epa.gov>; Fawcett, Allen < Fawcett. Allen@epa.gov>

Subject: Near-final SC-GHG blog with restructuring

Our comms shop had some helpful clarity and flow edits to the blog. Since we have the weekend, passing along this version which I'm going to run through clearance again at 4pm today so if you see any <u>major</u> issues, let me know before then.

Alex

Alex Barron (he/him)
Senior Counselor
Office of Information and Regulatory Affairs
Alexander.R.Barron [Ex. 6 Personal Privacy (PP)]

From: Grundler, Christopher [grundler.christopher@epa.gov]

Sent: 2/18/2021 5:02:49 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]

Subject: RE: Quick Ask

You can tell Dan that we are happy to connect with him and hear him out. Gina can refer this person directly to Paul Gunning, and he can set up a discussion with our GHG inventory team. We also have connections with all of the experts from USDA so we can connect them in if necessary.

(the reference to offsets makes me nervous)

Christopher Grundler, Director Office of Atmospheric Programs U.S. Environmental Protection Agency 202.343.9140 (o) 734.645.5221 (m)

From: Goffman, Joseph <Goffman.Joseph@epa.gov>

Sent: Thursday, February 18, 2021 11:40 AM

To: Grundler, Christopher <grundler.christopher@epa.gov>

Subject: FW: Quick Ask

Thoughts on how to respond? Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Utech, Dan < <u>Utech.Dan@epa.gov</u>>
Sent: Thursday, February 18, 2021 11:38 AM
To: Goffman, Joseph < <u>Goffman, Joseph@epa.gov</u>>

Subject: FW: Quick Ask

Your thoughts about how to handle would be appreciated. I already replied to say I'll look into it

From: McCarthy, Gina A. EOP/WHO Ex. 6 Personal Privacy (PP)

Sent: Thursday, February 18, 2021 10:04 AM

To: Utech, Dan < Utech.Dan@epa.gov>

Subject: Quick Ask

Dan I would like to talk to folks at EPA who are managing the GHG inventory. 👢

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Can you think

about how best I can set up a meeting to explore this? Thanks

Grundler, Christopher [grundler.christopher@epa.gov] From:

2/18/2021 4:49:31 PM Sent:

To: Goffman, Joseph [Goffman.Joseph@epa.gov]

Subject: RE: Quick Ask

On it

Christopher Grundler, Director Office of Atmospheric Programs U.S. Environmental Protection Agency 202.343.9140 (o) 734.645.5221 (m)

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Ex. 5 Deliberative Process (DP

Ex. 5 Deliberative Process (DP)

Can you think

about how best I can set up a meeting to explore this? Thanks

From: Garbow, Avi [Garbow.Avi@epa.gov]

Sent: 2/9/2021 2:25:54 AM

To: Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]
CC: Adhar, Radha [Adhar.Radha@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]; Hamilton, Lindsay

[Hamilton.Lindsay@epa.gov]

Subject: RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Yes - Melissa's folks have worked with me in light of her recusal.

I can also meet at 12:30 tomorrow if that's folks' preference.

avi

From: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Sent: Monday, February 8, 2021 9:15 PM

To: Goffman, Joseph < Goffman. Joseph@epa.gov>

Cc: Garbow, Avi <Garbow.Avi@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan <Utech.Dan@epa.gov>;

Hamilton, Lindsay < Hamilton. Lindsay@epa.gov>

Subject: Re: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Thanks Joe.

A reminder that I am recused from this matter (as concerns litigation strategy) and should be taken off further correspondence relating to it. Thank you.

Sent from my iPhone

On Feb 8, 2021, at 7:17 PM, Goffman, Joseph < Goffman. Joseph@epa.gov> wrote:

I will forward you what we sent down to the AO. Hang on.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

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Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Subject: RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Thanks loe. While I do not see pre-read materials for tomorrow's briefing (may be that I just didn't get them), **Ex. 5 AC/AWP/DP**

I suggest that this group convene separate from the larger briefing group tomorrow – and happy to talk with you and others tonight or tomorrow.

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

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To: Adhar, Radha < Adhar.Radha@epa.gov >; Utech, Dan < Utech.Dan@epa.gov >; Garbow, Avi

<Garbow.Avi@epa.gov>; Hamilton, Lindsay <Hamilton.Lindsay@epa.gov>

Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Subject: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

I want to bring your attention to potential impending actions - Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

I'm around if anyone wants to chat this evening. Otherwise, we will be ready to discuss all this at our briefing tomorrow

Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Culligan, Kevin < Culligan. Kevin@epa.gov>

Sent: Monday, February 8, 2021 5:54 PM

To: Goffman, Joseph < Goffman. Joseph@epa.gov>

Cc: Tsirigotis, Peter < Tsirigotis. Peter@epa.gov >; Campbell, Ann < Campbell. Ann@epa.gov >

Subject: Update on ACE Letter

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

Do not hesitate

to call me.

- Kevin (202)222-5351

From: Millett, John [Millett.John@epa.gov]

Sent: 2/4/2021 3:18:18 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra

[Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Campbell, Ann

[Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]

Subject: FW: Special Clips - Michael Regan Confirmation Hearing - 2/4/21

Fyi --

From: Grantham, Nancy < Grantham. Nancy@epa.gov>

Sent: Thursday, February 04, 2021 10:16 AM

To: Daguillard, Robert <Daguillard.Robert@epa.gov>; AO OPA OMR CLIPS <AO OPA OMR CLIPS@epa.gov>

Subject: RE: Special Clips - Michael Regan Confirmation Hearing - 2/4/21

Thanks

Nancy Grantham
Principal Deputy Associate Administrator
Environmental Protection Agency
Office of Public Affairs
202-564-6879 (desk)
202-253-7056 (cell)
grantham.nancy@epa.gov

From: Daguillard, Robert < Daguillard. Robert@epa.gov>

Sent: Thursday, February 4, 2021 10:11 AM

To: AO OPA OMR CLIPS < AO OPA OMR CLIPS@epa.gov>

Subject: RE: Special Clips - Michael Regan Confirmation Hearing - 2/4/21

And that was *Wednesday's* hearing, obviously. Not Thursday's.

Best, R.

Robert Daguillard
Public Affairs Officer

U.S. Environmental Protection Agency

Washington, DC

+1 (202) 564-6618 (o)

+1 (202) 360-0476 (m)

From: Daguillard, Robert

Sent: Thursday, February 04, 2021 10:08 AM

To: AO OPA OMR CLIPS < AO OPA OMR CLIPS@epa.gov>

Subject: FW: Special Clips - Michael Regan Confirmation Hearing - 2/4/21

A selection of clips on Thursdays hearing, courtesy of Region 7. More may follow.

- Associated Press Biden EPA nominee vows 'sense of urgency' on climate change 2/3/21 President Joe Biden's nominee to run the EPA says he learned the importance of preserving the outdoors while hunting and fishing with his father and grandfather in rural North Carolina. http://bit.ly/2MWHXNb
- PBS WATCH: Biden EPA nominee vows 'sense of urgency' on climate change 2/3/21 Michael Regan told a Senate committee that under Biden the EPA "will stand up for environmental justice and equity" and will collaborate with business and community groups, state and local governments and others "who know their own communities better than the federal government ever could." http://to.pbs.org/2YWTbV3
- Washington Post Biden's EPA nominee vows 'urgency' on climate change 2/3/21 Michael Regan, who would be the first Black man to serve as EPA administrator, promises to seek consensus as he pursues an ambitious agenda. http://wapo.st/2YKuFGs
- RFD-TV Sen. Grassley and Ernst weigh in on EPA Administrator nominee 2/3/21 According to Sen. Grassley, "By 2022, the statutory requirements of the RFS run out and will be up to EPA to set those, and I urge Regan not to do anything less than what the law requires now and hopefully more requirements for biofuels." Senator Joni Ernst also had the opportunity to discuss Renewable Fuels with the EPA nominee, but was concerned with his answers on small refinery waivers. http://bit.ly/3ttWpNu
- FarmWeek EPA Administrator nominee: 'We will restore the role of science and transparency at EPA' 2/3/21 Michael Regan, nominee to be administrator of the U.S. Environmental Protection Agency, (EPA) said he aims to approach the role with transparency, science and stakeholder engagement in mind. http://bit.ly/36IFQ6N
- Radio Iowa Senator Ernst questions EPA nominee 2/4/21 Iowa Senator Joni Ernst asked nominee Michael Regan about issues surrounding renewable fuels including the Renewable Fuel Standard. "RFS is definitely a priority for this administration... the reality is that I want to sit down with my staff, sit down with legal counsel. There are a number of things that are caught up in litigation, there are a number things that we more transparency around how we arrived at those decisions," Regan says. http://bit.ly/3ikvlgu
- Roll Call EPA nominee Regan says environmental progress is good for jobs 2/3/21 Republican Sen. Shelley Moore Capito said she fears Biden's environmental agenda will represent a third Obama term. President Joe Biden's pick for EPA administrator on Wednesday told skeptical Republican senators that environmental progress can also foster economic growth. http://bit.ly/3aAsRVU
- DTN Progressive Farmer Regan Faces Barrage of Senate Questions | EPA Nominee Intends to Review Implementation of RFS as Head of Agency 2/3/21 EPA Administrator nominee Michael Regan said he wants to strike a balance between government regulation on the environment and stakeholder input about life on the ground. http://bit.ly/30R0NCK
- MarketScreener ACE Statement on EPW Committee Confirmation Hearing with EPA Chief Nominee Regan 2/3/21 American Coalition for Ethanol (ACE) CEO Brian Jennings issued a statement following Mr. Regan's confirmation hearing. 'If confirmed as EPA Administrator, Mr. Regan inherits a long list of unfinished business with respect to the Renewable Fuel Standard (RFS). https://bit.ly/3avPGdr
- Biomass Magazine Regan promises 'no surprises' in EPA's administration of the RFS 2/3/21 Michael Regan, President Biden's nominee to serve as administrator of the U.S. EPA, said the Renewable Fuel Standard will be a priority for the new administration and stressed agriculture will have a seat at the table when it comes to Biden's climate objectives during his Feb. 3 appearance before the Senate Committee on Environment and Public Works. http://bit.ly/3oW4kQx
- Bloomberg Law EPA Nominee Touts Power to Set Auto Rules Aligned With EV Push 2/3/21 President Biden's nominee to lead the EPA said the agency can help chart fuel-economy and tailpipe emissions standards that guide an automobile industry already embracing electric vehicles. https://bit.ly/3azU4YY

- Bloomberg Law Biden's EPA Pick Promises Holistic Review of Biofuel Mandate 2/3/21 EPA Administrator-designee Michael Regan vowed "a thorough review" of renewable fuel standard decisions, including waivers exempting oil refineries from annual biofuel-blending quotas. https://bit.ly/3tBzyQg
- Bloomberg Law Biden's EPA Pick Promises 'Thorough Review' of Biofuel Waivers 2/3/21 President Joe Biden's nominee to lead the EPA is promising a "thorough review" of waivers exempting oil refineries from biofuel-blending requirements, one of the thorniest issues confronting the agency. https://bit.ly/3oR3yE6
- Bloomberg Law EPA Pick Regan Vows Collaboration as GOP Warns of Lost Jobs 2/3/21 President Joe Biden's nominee to run the EPA vowed to collaborate with local governments, businesses and working Americans to confront major environmental threats if confirmed by the U.S. Senate. https://bit.ly/39N7VMn
- Bloomberg Law Biden's EPA Pick Sees Limits of Regulations 2/4/21 Michael Regan, Joe Biden's pick to run the EPA, sought to reassure skittish Republicans that the president's early executive orders reducing fossil fuel emissions and reviewing Trump-era regulations will not kill jobs or strangle industry. https://bit.ly/2MVehQA
- Inside EPA Regan Vows To 'Assess' Trump EPA Record But Focus On New Actions 2/3/21 EPA Administrator nominee Michael Regan is vowing to senators that, if confirmed, he will conduct an "assessment" of the agency's Trump-era actions in line with President Joe Biden's directive to review specific policies for revision but will focus more on collaborative approaches in crafting new high-priority policies. http://bit.ly/2YJr0bP
- Inside EPA Regan Defends Biden GHG Agenda, Hedges On Details of EPA Rules 2/3/21 EPA Administrator-designate Michael Regan during his first Senate confirmation hearing broadly defended the Biden administration's emerging climate change agenda as an environmental and economic priority, while keeping his options open on how the agency would help implement that agenda and pledging to work with industry. http://bit.ly/3azULBy
- Inside EPA Regan could boost enforcement as EPA administrator 2/3/21 If the Senate confirms Michael Regan to be EPA administrator, the agency's focus on enforcement could increase, according to a new analysis of Regan's leadership of North Carolina's environment department that found a boost in inspections and penalties levied by the state although less of a clear-cut trend in other enforcement actions. http://bit.ly/39LxxjH
- Fox News Biden's EPA pick says U.S. can't 'regulate our way out of every problem' | Michael Regan nominated to steer Biden's climate agenda along with John Kerry, Gina McCarthy Under questioning from GOP senators, Regan, 45, vowed to "follow the law, not exceed my statutory authority" in enacting a slew of new regulations on everything from powerplants to vehicle tailpipes, mercury emissions to waterways. http://fxn.ws/3pNRdlF
- Wall Street Journal President Biden's EPA Nominee Says He Will Work With Business | Republican senators say Michael Regan gained reputation for fairness as environmental regulator in North Carolina 2/3/21 Michael Regan, President Biden's nominee to lead the Environmental Protection Agency, drew bipartisan support at his Senate confirmation hearing Wednesday, including from North Carolina Republicans who said he has a history of working constructively with businesses. http://on.wsj.com/36GVPII
- Twitter @SenJoniErnst 2/3/21 At today's <u>@EPWGOP</u> hearing, I pressed President Biden's nominee to lead the <u>@EPA</u>, Michael Regan, on his commitment to defending the <u>#RFS</u> and his view on the new <u>#WOTUS</u> rule. (includes video) https://bit.ly/3cHr3NM
- HuffPost Biden EPA Pick Pledges To Take Swift Action On Climate, Fix Trump-Era Damage 2/3/21 Michael Regan, President Joe Biden's pick to lead the Environmental Protection Agency, told lawmakers

Wednesday that he would move swiftly to rein in planet-warming greenhouse gas emissions, repair the damage that the Trump administration inflicted at the federal agency and put environmental justice communities at the heart of the agency's efforts. http://bit.ly/39OofMK

Reuters - Biden's EPA Pick to Review Options on Biofuel Waiver Program - 2/3/21 - U.S. President Joe Biden's pick to lead the Environmental Protection Agency said on Wednesday he will consult with general counsel to understand the options available for a program that exempts small refiners from biofuel blending obligations. https://bit.ly/3roCKwW

The Hill - EPA nominee Regan pledges 'urgency' on climate change at confirmation hearing – 2/3/21 - During his confirmation hearing on Wednesday, President Biden's pick to lead the Environmental Protection Agency (EPA), Michael Regan, pledged to act with "a sense of urgency" on climate and to increase the agency's focus on science, transparency and combating inequality. http://bit.ly/3joqg5t

The Independent - Biden's EPA nominee will do 'damage assessment' of Trump era's impacts on science, morale and transparency – 2/3/21 - President Biden's nominee to run the Environmental Protection Agency has said that he will do a "damage assessment" at the agency if confirmed, following four years in which former President Donald Trump sidelined science and rollbacked or weakened dozens of environmental and climate policies. http://bit.ly/3jor3Dt

Daily Caller - Biden EPA Nominee Faces Questions About Agency's Independence During Confirmation Hearing – 2/3/21 - - EPA Administrator nominee Michael Regan faced questions about the agency's independence within the Biden administration during his confirmation hearing Wednesday before the Senate Environment and Public Works Committee. http://bit.lv/3pNU7XB

UPI – EPA nominee Michael Regan pledges to focus on environmental justice - 2/3/21 - Michael Regan, President Joe Biden's selection to head the EPA, pledged Wednesday to place a focus on environmental justice if confirmed.

From: Walter-Terrinoni, Helen [HWalter-Terrinoni@ahrinet.org]

Sent: 4/13/2021 3:31:11 PM

To: Regan, Michael [Regan.Michael@epa.gov]

CC: Newberg, Cindy [Newberg.Cindy@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]; regina.a.mccarth Ex. 6 Personal Privacy (PP)

ali.a.zaidi Ex. 6 Personal Privacy (PP) John.F. Kerry (Ex. 6 Personal Privacy (PP) J; Melanie.Y. Nakagawa (Ex. 6 Personal

[Goffman.Joseph@epa.gov]

Subject: AHRI AIM Act Petitions - 1/2 billion tonnes CO2 equivalent

Attachments: AHRI AIM Act Petition - Stationary AC April 13 2021.pdf; AHRI AIM Act Petition Commercial Refrigeration April 13

2021.pdf

Dear Administrator Regan,

The Air Conditioning, Heating, and Refrigeration institute (AHRI), joined by more than 35 other industry and environmental organizations, is petitioning the Environmental Protection Agency seeking uniform national standards for stationary air conditioning and commercial refrigeration equipment in the transition to climate-friendly refrigerants under the American Innovation and Manufacturing (AIM) Act. If promulgated, these standards will result in an additional equivalency of a half billion tons of carbon dioxide reduction over and above what already is projected to be achieved by implementation of the AIM Act.

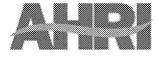
The federal standards sought by the AHRI petition align with similar standards already in place in nine states. The Natural Resources Defense Council (NRDC), the Association of Home Appliance Manufacturers (AHAM), and the Environmental Investigation Agency (EIA) are simultaneously submitting similar petitions under the AIM Act. The transition dates contained in the AHRI petition allow sufficient time for careful planning and preparation, both to avoid excessive costs that can unduly burden consumers and to ensure all safety and other associated standards can be met.

Thank you for your time and consideration of this matter, which is a high priority for AHRI and the U.S. HVACR industry. We respectfully request EPA's prompt attention and swift action in promulgating the rule proposed by this petition. We would be happy to provide any further information you may require in considering this petition and commencing the requested rulemaking.

Sincerely
Helen Walter-Terrinoni

Helen Walter-Terrinoni Air Conditioning, Heating, and Refrigeration Institute (AHRI) VP Regulatory Affairs 302-598-4608

Hwalter-terrinoni@ahrinet.org



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we make life better*

April 13, 2021

The Honorable Michael S. Regan Administrator Environmental Protection Agency 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

Re: AHRI Petition for Technology Transition under The American Innovation and Manufacturing Act of 2020 (Air Conditioning)

Dear Administrator Regan:

The Air Conditioning, Heating and Refrigeration Institute (AHRI) represents more than 300 manufacturers of air conditioning, heating, and commercial refrigeration equipment. It is an internationally recognized advocate for the heating, ventilation, air conditioning, and refrigeration (HVACR) industry and certifies the performance of many of the products manufactured by its members. In North America, the annual economic activity resulting from the HVACR industry is approximately \$256 billion. In the United States alone, AHRI members companies, along with distributors, contractors, and technicians, employ more than 1.3 million people.

With this petition, pursuant to The American Innovation in Manufacturing Act of 2020 (AIM Act), AHRI and the other signatories of this petition respectfully request the U.S. Environmental Protection Agency (EPA) to require "Residential and Light Commercial Air Conditioners" (Stationary AC) to use refrigerants with global warming potentials (GWP) of 750 or less, with such requirement applying to new Stationary AC equipment manufactured after January 1, 2025, excluding variable refrigerant flow (VRF) equipment. For VRF equipment, the petitioners request that refrigerants be limited to 750 GWP for equipment manufactured after January 1, 2026. If promulgated, these standards will result in an additional half billion tons of CO2 reduction over and above what already is projected to be achieved by implementation of the AIM Act.

We are urgently seeking promulgation of this regulation to ensure sufficient time to prepare for this transition and to comply with the requirements of the AIM Act.

Under paragraph (2) of subsection (i) of the AIM Act, AHRI is required to request as part of this petition that EPA "negotiate with stakeholders in accordance with paragraph (2) (A) ...".

Notwithstanding this statutory requirement regarding petitions under this subsection, the petitioners believe the regulatory standard requested in this petition represents the consensus view of the vast

majority of all those who would be subject to compliance obligations if this standard were promulgated. The petitioners further believe that traditional rulemaking procedures involving public notice and opportunity for comment would be sufficient in serving the policy objectives underlying the AIM Act and allow for a suitably transparent and representative regulatory process. Indeed, the petitioners believe a negotiated rulemaking would consume valuable agency resources while providing no material value to the agency, the regulated community, and the public.

We believe the transition date requested in this petition is eminently reasonable, practical, and achievable. An earlier date may not be achievable, and a later date could perturb other aspects of AIM Act implementation.

The proposed date allows sufficient time for careful planning and preparation, both to avoid excessive costs that can unduly burden consumers and to ensure all safety and other associated standards can be met. For example, contractors and technicians must receive appropriate training, state and local building codes must be updated and changed, and supply chains and distribution networks must be modified. As a general matter, the U.S. HVACR industry already is proceeding with the requested transition date as its goal; granting this petition provides order and structure to the market and streamlines industry preparation.

We note our industry, along with other stakeholders, has participated in rulemaking proceedings by the California Air Resources Board (CARB) for implementation of a similar program for California. CARB has approved regulations (and Washington State has proposed legislation) for a January 1, 2025, transition for Stationary AC refrigerants with a GWP limit of 750 or less excluding VRF equipment, which has a transition date on January 1, 2026. Therefore, companies must plan for a transition by January 1, 2025, (and 2026 for VRF equipment), regardless of the outcome of this rulemaking.

In fact, all stakeholder groups are already preparing for the Stationary AC transition date in California and potentially in Washington State in this timeframe. Training for contractors and technicians is now available and more will become available in preparation for the California transition. The Fire Services Research Institute (FSRI) has prepared training for first responders which will be available in 2021 well in advance of the 2025 transition timing.

Any transition date differing from those in California would add unnecessary cost and burden to manufacturers, which would ultimately be paid by consumers. More than 15 percent of Stationary AC units are sold into the California market. An alternate date would require the U.S. HVACR industry to produce and distribute two sets of products in inventory, creating parallel and costly duplicative inventory. The cost of development will already be required for those states requiring this transition date, and there will be a savings by transitioning nationally by eliminating the second supply chain.

A later date is also problematic, prolonging the use of high GWP refrigerant in new equipment, which would result in higher demand for high GWP refrigerant to service equipment in the post-2025 period.

Protecting this "GWP" preserves the value of the requested transition date by alleviating potential pressure for further transitions in the future, providing market stability and regulatory certainty, which in turn confers significant benefit to workers and consumers in the form of increased investment, greater employment opportunities, and lower costs.

In light of the foregoing, and as further elaborated upon herein, the petitioners believe the requested transition date is the best possible outcome for all affected stakeholders and may be properly and adequately established by EPA via its regular notice and comment rulemaking procedures.

Thank you for your time and consideration of this matter, which is a high priority for AHRI and the U.S. HVACR industry. We respectfully request EPA's prompt attention and swift action in promulgating the rule proposed by this petition. We would be happy to provide any further information you may require in considering this petition and commencing the requested rulemaking.

Sincerely,

Helen Walter-Terrinoni

Helen Walter-Terrinoni
Air Conditioning, Heating and Refrigeration Institute (AHRI)
Vice President, Regulatory Affairs
hwalter-terrinoni@ahrinet.org
(302)598-4608

cc: Regina McCarthy
John Kerry
Joseph Goffman
Christopher Grundler
Cynthia Newberg
Bella Maranion



Kevin Fay, Executive Director





Anthony O'Donovan, Regional Group



President, Fluorochemicals

Chi E. Suly II. PE

Charles E. Gulledge III, P.E., FASHRAE, HBDP, LEED AP, 2020-2021 ASHRAE President



Jason Thomas, Director, Regulatory Affairs



Colorado Department of Public Health & Environment



COLORADO

Department of Public

Health & Environment

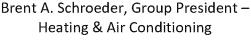
President, Daikin U.S. Corporation



John Sheff, Director, Public & Industry Affairs



Brant A Schrooder Group Brosiden





Paul Sindoni, President at Dover Food Retail



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Chris Forth, Executive Director, Regulatory, Codes & Environmental Affairs



Jeff Whitelaw, Vice President, Industry Relations and Administration



Alex Ayers, Director of Government Affairs



Singer/Ristof

Sanjeev Rastogi, VPGM Fluorine Products



John Hurst, V.P. Government Affairs and Communications



Steve O'Brien, SVP, Residential & Commercial Business





Muth & Littley

Matt Lattanzi, Senior Director of Regulatory and Legislative Affairs



MIX

Hunter Botto, President



Leven B. Mayor

Karen Meyers, Vice President, Global Government Affairs



Lori Schiavo, Executive Vice President

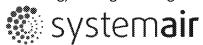
Lori Schiavo



LinJie Huang, SANHUA VP & Chief Scientist



Mark Long, Manager of Engineering



Donny Simmons, President, Commercial HVAC Americas





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we make life better*

April 13, 2021

The Honorable Michael S. Regan Administrator Environmental Protection Agency 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

Re: AHRI Petition for Technology Transition under The American Innovation and Manufacturing Act of 2020 (Commercial Refrigeration and Chillers)

Dear Administrator Regan.

The Air Conditioning, Heating and Refrigeration Institute (AHRI) represents more than 300 manufacturers of air conditioning, heating, and refrigeration equipment. It is an internationally recognized advocate for the HVACR industry and certifies the performance of many of the products manufactured by its members. In North America, the annual economic activity resulting from the HVACR industry is approximately \$256 billion. In the United States alone, AHRI members companies, along with distributors, contractors, and technicians employ more than 1.3 million people.

With this petition, pursuant to *The American Innovation in Manufacturing Act of 2020* (AIM Act), AHRI and the other signatories of this petition respectfully request the U.S. Environmental Protection Agency (EPA) to establish the transition dates for New Refrigeration Equipment¹ for the product categories listed, along with the associated maximum global warming potential (GWP)² in Tables 1 and 2, below. By "transition date," we refer to a restriction on the use of a regulated substance in a product manufactured after January 1st of the year specified for each product category.³

Pursuant to subsection (i) of the AIM Act, we are urgently seeking promulgation of this regulation to ensure sufficient time to prepare for this transition and to comply with the requirements of the AIM Act. Under paragraph (2) of subsection (i) of the AIM Act, AHRI is required to request as part of this petition that the Administrator of the Environmental Protection Agency (EPA) "negotiate with stakeholders in accordance with paragraph (2) (A) ..."

¹ "New Refrigeration Equipment" is defined as equipment built with new components and equates to a nominal compressor capacity increase across the refrigeration appliance or an increase of the CO2 equivalent of the refrigerant in the refrigeration appliance. The replacement of components in Existing Refrigeration Systems is permissible if the nominal compressor capacity is not increased across the refrigeration appliance or the CO2 equivalent of the refrigerant in the refrigeration appliance is not increased.

² GWPs referred to in Tables 1 and 2 are based on the Assessment Report 4 consistent with EPA regulations and the Kigali Amendment to the Montreal Protocol.

³ The effective date should coincide with the beginning or middle of the calendar year, so as to avoid falling mid design cycle or at year's

Notwithstanding this express statutory requirement regarding petitions under this subsection, the petitioners believe the regulatory standard requested in this petition represents the consensus view of the vast majority of all those who would be subject to compliance obligations if this standard were promulgated. The petitioners further believe that traditional rulemaking procedures involving public notice and opportunity for comment would be sufficient in serving the policy objectives underlying the AIM Act and allow for a suitably transparent and representative regulatory process. Indeed, the petitioners believe a negotiated rulemaking would consume valuable agency resources while providing no material value to the agency, the regulated community, or the public.

If implemented expeditiously, this petition provides a reasonable timeframe for this transition. Stakeholders have transitioned or plan to transition in several states that have adopted the EPA Significant New Alternatives Policy (SNAP) rules 20 and 21 which require the same or similar transitions. Therefore, companies must plan for a transition regardless of the outcome of this rulemaking. Consistency with SNAP rules 20 and 21 for Standalone/Self-contained equipment on the national level implemented pursuant to subsection (i) of the AIM Act as noted in the table below would ensure harmonization for product requirements and OEMs.

Any other transition date would add unnecessary cost and burden to manufacturers which would ultimately be paid by consumers. For example, many manufacturers may be forced by market conditions to respond to unaligned transition dates for the product categories named in this petition by maintaining dual product lines, with double the inventory, warehousing, distribution, and other costs that would erode margins or impose higher prices on consumers – or both. This is readily avoidable with the imposition of a national standard consistent with this petition.

Finally, delay will diminish available carbon dioxide equivalent (CO_2 eq.) for later use in the phase-down by requiring that it be used to service equipment rather than be utilized for new equipment. The additional unnecessary carrying costs and negative long-term outcome as well additional greenhouse gas consumption is avoidable in a regulation promulgated through notice and comment.

The conclusion of the signatories is that EPA can move forward with a traditional notice and comment rulemaking without a long, drawn-out negotiated rulemaking unnecessarily consuming time and resources that would be better spent preparing for the transition.

Future Refrigeration Sector Phasedowns

While further measures are needed in this sector to reach the reduction targets outlined in the legislation, more time is needed for industry stakeholders to recommend the limits for an additional transition. Standards and codes that determine feasibility of available solutions are still in flux, and near-term developments will need to be taken into consideration. A supplemental petition for this sector will be forthcoming.

Transition Dates

By way of background, the regulatory standards requested by this rulemaking petition are consistent with prior EPA rulemakings under the Significant New Alternatives Policy (SNAP) of Title VI of the Clean Air Act with a very few exceptions. To date, nine states have adopted rules based on SNAP Rule 20 and SNAP Rule 21 for the product categories listed in Tables 1 and 2, which cover approximately 30 percent of the commercial market for these products. The undersigned petitioners must comply with these state standards and therefore are seeking a federal standard to the same effect to ensure a uniform national standard.

A clarification must be made for the transition date of these regulations. Date of manufacture should be used for compliance purposes. In field erected systems, the date of manufacture should coincide with the date on which the building permit request is submitted. Many jurisdictions vary in the length of time between permit requests and pulling of the actual permit. This will provide manufacturers with certainty around the permissible products for each application.

In recognition that it may be difficult to amend the date of manufacture used in previous regulations, alternatively, a similar approach used previous rules to address continued construction could be considered for a period of one year past the effective date. Both the 2010 and 2020 EPA allocation rules provided grandfathering provisions for systems that had all components constructed but were not yet field charged or therefore "manufactured". Either approach would address the concerns around the date of manufacture applicable to field-erected systems.

TABLE 1		
Product Category (New Equipment ¹)	AR4 GWP Limit	Transition Date
Standalone/Self-contained Refrigeration Systems	SNAP Rules 20/21 Prohibitions	January 1, 2022
Remote Refrigeration Systems (> 50 lbs refrigerant charge)	1500	January 1, 2022
Remote Refrigeration Systems (<= 50 lbs refrigerant charge)	2200	January 1, 2022
Industrial and Processing Refrigeration (w/o chillers)	1500	January 1, 2022
ACIM (> 50 lbs refrigerant charge)	2200	January 1, 2022
Transport Refrigeration	2200	January 1 2023
Exceptions: ACIM < 50lbs charge, Medical, Scientific and Research Applications		

 $^{^4}$ SNAP Rules 20 and 21 <u>https://www.govinfo.gov/content/pkg/FR-2015-07-20/pdf/2015-17066.pdf</u> and https://www.govinfo.gov/content/pkg/FR-2016-12-01/pdf/2016-25167.pdf

TABLE 2		
Chillers ⁵	AR4 GWP Limit	Transition Date
Chillers (designed for chilled fluid leaving temperature > +35 ° F)	750	January 1, 2024
Chillers (designed for chilled fluid leaving temperature ≤+35° and > -		
10°F)	1500	January 1, 2024
Chillers (designed for chilled fluid leaving temperature ≤-10° to -50° F)	2200	January 1, 2024
Chillers (< 20lbs charge) (designed for chilled fluid leaving temperature		
<+35 ° F)	2200	January 1, 2024
Exceptions: Chillers <-50 F, Medical, Scientific and Research Applications		

To facilitate an orderly transition, industry and other stakeholders ask EPA for swift action to finalize a regulation to allow as much time as possible to prepare for this change. We greatly appreciate your attention to this matter. AHRI and other signatories are formally requesting a meeting with Joseph Goffman to discuss this petition and the timeline for a rulemaking as this is a matter of the utmost urgency. Further details of AHRI's efforts to prepare for the transition can be found in AHRI's comments on proposed SNAP Rule 23.

For additional information, contact Helen Walter-Terrinoni (hwalter-terrinoni@ahrinet.org).

Sincerely,

Helen Walter-Terrinoni

Air Conditioning, Heating and Refrigeration Institute (AHRI) Vice President, Regulatory Affairs

Cc: Regina McCarthy
John Kerry
Joseph Goffman
Christopher Grundler
Cynthia Newberg

Process Refrigeration category.

⁵ This table covers both comfort cooling chillers and those used to cool industrial processes discussed under EPA's Industrial

Michael Wetzel, P.E. President & CEO



1 to 1 6 most

Anthony O'Donovan, Regional Group President, Fluorochemicals



ALL CPL

Don Fetzer, President



John Sheff, Director, Public & Industry Affairs



Keith Coursin, President



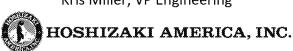
John Rhodes, Group President, Cold Chain



Alex Ayers, Director of Government Affairs



Kris Miller, VP Engineering



Mark Evans, Vice President & General
Manager



Tim Figge, Chief Executive Officer

Vince Zolli, P.Eng., Vice President of



Elliot Zimmer, President & COO



Brian Coleman, President & Chief Executive
Officer



Chris Forth, Executive Director, Regulatory, Codes & Environmental Affairs



Michael Dellecave

Michael Dellecave, Manager of Mechanical Services



Mark Johnson, Global Director of Product Engineering



Charlie Soupreda

Charlie Souhrada, CFSP, Vice President, Regulatory & Technical Affairs



2///

Hunter Botto, President



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William Allen, Vice President, Sanhua International, Inc.



Doug Murdock, Chief Executive Officer



Ali Behfar

Alireza Behfar, PhD, PE. Product Development Engineer

MUELLER

J. Kindl

Jay Kindle, Vice President



Vince Canino, President & CEO

SMARDT

Donny Simmons, President, Commercial HVAC Americas



Daryl Erbs, Vice President Technology

JA 160



From: Utech, Dan [Utech.Dan@epa.gov]

Sent: 3/18/2021 12:53:00 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]

CC: Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]

Subject: RE: Follow up on cars

Thanks Joe – I'll reach out to Ali and ask for a meeting.

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

Sent: Wednesday, March 17, 2021 10:15 PM **To:** Utech, Dan < Utech. Dan@epa.gov>

Cc: Nunez, Alejandra < Nunez. Alejandra@epa.gov>; Dunham, Sarah < Dunham. Sarah@epa.gov>

Subject: Follow up on cars

Hi, Dan. Sarah, Ale, and I connected after you and I talked earlier this evening and here's our suggestion: Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thanks for considering.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Katims, Casey [Katims.Casey@epa.gov]

Sent: 2/10/2021 11:42:13 PM

To: Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]

Subject: GHG panel discussion at ECOS

Attachments: Agenda-2021-Spring-Meeting-020821.pdf

Vicki and Joe:

Reaching out about a panel discussion on GHG reduction at the ECOS spring meeting. They had originally invited Janet McCabe to participate, but I am anticipating her confirmation may still be ongoing.

Knowing you'd both be great speaking on this, I wanted to gauge if either of you may be interested/available to step in and speak on behalf of the agency? Details are below.

Let me know what you think! And thanks for considering.

Casey

Wednesday, March 17

2:00-2:40 p.m. Eastern

Roundtable & Open Discussion: Innovative Policy Approaches to Greenhouse Gas Reduction

As climate moves to center stage at the federal level, states will continue to play a key role in driving reductions of greenhouse gas (GHG) emissions. Join this panel of state and federal policymakers as they explore strategies for GHG reduction in various sectors.

- ECOS Air Committee Chair Sheila Holman, Assistant Secretary for the Environment, North Carolina Department of Environmental Quality (moderator)
- Janet Coit, Director, Rhode Island Department of Environmental Management
- Trisha Oeth, Acting Environmental Programs Policy Advisor, Colorado Department of Public Health & Environment
- The Hon. Gina McCarthy, National Climate Advisor, White House, and former Administrator, U.S. Environmental Protection Agency (invited)
- The Hon. Janet McCabe, Deputy Administrator, U.S. Environmental Protection Agency (invited pending confirmation)

From: Lubetsky, Jonathan [Lubetsky.Jonathan@epa.gov]

Sent: 2/6/2021 4:17:27 PM

To: Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]

CC: Burch, Julia [Burch.Julia@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Kocchi, Suzanne

[Kocchi.Suzanne@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Nunez, Alejandra

[Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]

Subject: RE: By 4 pm today: Review OCIR-drafted EPW QFR responses

On it

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

Sent: Saturday, February 06, 2021 11:17 AM

To: Lubetsky, Jonathan <Lubetsky.Jonathan@epa.gov>; Shoaff, John <Shoaff.John@epa.gov> **Cc:** Burch, Julia <Burch.Julia@epa.gov>; Noonan, Jenny <Noonan.Jenny@epa.gov>; Kocchi, Suzanne <Kocchi.Suzanne@epa.gov>; Cherepy, Andrea <Cherepy.Andrea@epa.gov>; Nunez, Alejandra

<Nunez.Alejandra@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>

Subject: Fwd: By 4 pm today: Review OCIR-drafted EPW QFR responses

Here we go. Jonathan-Lead on. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "Adhar, Radha" <<u>Adhar.Radha@epa.gov</u>>
Date: February 6, 2021 at 11:13:18 AM EST

To: Leadership_Assistant_Administrators < Leadership_Assistant_Administrators@epa.gov>

Cc: "Richardson, RobinH" < Richardson, RobinH@epa,gov >, "Thundiyil, Karen"

<<u>Thundivil.Karen@epa.gov</u>>, "Knapp, Kristien" <<u>Knapp.Kristien@epa.gov</u>>, "Moody, Christina" <<u>Moody.Christina@epa.gov</u>>, "Levine, Carolyn" <<u>Levine.Carolyn@epa.gov</u>>, "Haman, Patricia" <<u>Haman.Patricia@epa.gov</u>>, "Kaiser, Sven-Erik" <<u>Kaiser.Sven-Erik@epa.gov</u>>

Subject: By 4 pm today: Review OCIR-drafted EPW QFR responses

Hey y'all,

Attached for your program is the set of Questions for the Record, along with OCIR-drafted responses. **We need your feedback by 4 pm this afternoon** in order to complete this process by Monday morning.

Pasted below and attached is a Table of Contents for the QFRs, which groups similar questions together and highlights the offices with equities in each question. **Please concentrate review on your program's specific questions.**

I defer to you for appropriate review and distribution within your programs, but I'll note that most responses are extremely high level, which reflect Secretary Regan's status as not yet an EPA employee. For QFRs in yellow, we are working in parallel to get specific input from Secretary Regan.

Please send your response (<u>in Track Changes</u>) to me, Robin Richardson and Matt Klasen, and OCIR will compile your comments as we move forward in the review process.

Please let Robin or me know if you have any questions or concerns, and thanks in advance for your help!

Thanks,

Radha

QFR Timeline

- 1. QFRs sent to EPA from the EPW committee (4pm on Friday 2/5)
- 2. OCIR screens QFRs, drafts responses (as appropriate), and identifies lead offices (afternoon/evening of Friday 2/5 using SharePoint)
- 3. OCIR distributes to offices (political and acting AAs) for review and additional drafting (as needed), with a request for AA level concurrence (distributed by OCIR late Friday/early Saturday; offices return to OCIR by 4pm on Saturday 2/6)
- 4. OCIR assembles responses (using SharePoint on Sat 2/6 from 4-6pm)
- 5. OGC Review (OCIR sends to OGC by 6pm on Saturday 2/6)
- 6. Chief of Staff Review (OGC to COS by 7am on Sunday 2/7)
- 7. Nominee Review (to Nominee by noon on 2/7)
- 8. White House Review (to WH by 5 on Sunday 2/7)
- 9. OCIR sends Secretary Regan's responses to the EPW committee (by 9:30 am on Monday 2/8)

Regan Confirmation - Program Table of Contents

Carper 1-4: LD/HFCs/Interstate Transport/Methane→OAR

Carper 5: PFAS→AO/OW

Carper 6: Scientific Integrity→ORD/OP

Carper 7: EJ→OP Carper 8: RFS→OAR

Note: Carper 9-12 are from Booker:

Carper 9: MATS →OAR

Carper 10; PM NAAQS/EJ→OAR/OP

Carper 11: TSCA→OCSPP

Carper 12: Methylene Chloride, TCE→OCSPP

Whitehouse 13: RFS/E-RINs→OAR Whitehouse 14: Nuclear→OAR Whitehouse 15: RFS/REGS→OAR

Kelly 16: PFAS→AO/OW/R9

Kelly 17: WOTUS→OW/R9

Kelly 18: Nogales Sewage→OW/OITA/R9

Kelly 19: Navajo Uranium Mines→OLEM/R9/OITA/OW

Kelly 20: NAAQS→OAR/R9

Kelly 21: Rio Reimagined→OW/R9

Padilla 22: Cal Waiver→ OAR
Padilla 23: Exide Site→ OECA/R9
Padilla 24: PFAS→ AO/ORD/OW/R9

Padilla 25: DERA → OAR/R9

Capito 26-29: EJ→OP

Capito 30: Regulatory Costs→OP

Capito 31: EJ Czar→OP

Capito 32-33: Jobs→OP Capito 34: Enforcement → OECA Capito 35: Jobs→OP

Capito 36: COVID Regulations → OP

Capito 37-38: EOs→OP/OAR

Capito 39: CPP→OAR/OCIR Oversight

Capito 40-47: Transparency→OP→OPA/OGC

Capito 48-50: Staffing→AO/OCIR

Capito 51-53: Ethics→OGC/OCIR Oversight

Capito 54-65, 67, 69: Regulations → OP + OAR on Capito 58 + OW on Capito 62 + ORD on Capito 65

Capito 66: FIP/SIP→OAR/OP/OCIR State+Local

Capito 67: Staffing→AO

Capito 68-71: Enforcement→OECA

Capito 72: WH Czars→AO/OCIR/OP/OPA

Capito 73-83: Nominee Background→AO/OCIROCIR/OGC-Ethics

Capito 84-92: WH Czars→AO/OCIR/OP/OPA

Capito 93-106→SABSO/ORD/OGC +AO (Avi) for 104

Capito 107: Nuclear → OAR/OP Capito 108: LNT→OAR/OP/ORD

Capito 109: SCC→OP

Capito 110-124: Regs \rightarrow OP +OGC for 122

Capito 125-135, 137: Paris/HFCs/LD/NAAQS/RFS→OAR

Capito 136: Class 6→OW/OCFO

Capito 138: CCUS and R/D→ORD/OP

Capito 139: Air Pollution→OAR

Capito 140: Goffman/McCarthy Role→AO/OCIR/OAR

Capito 141-142: Jobs→OP Capito 143: Methane → OAR

Capito 144: Innovation→ORD/OP

Capito 145: EtO→OAR/ORD

Capito 146-147: EOs→OP

Capito 148-150 CPP→OAR

Capito 151-153 NC & CPP→ OAR/OCIR

Capito 154 MATS/CBA→OP/OAR

Capito 155-160 RFS→OAR

Capito 161: WOTUS→OW

Capito 162-163: WOTUS/NC→OCIR/OW

Capito 164: Ethics → OGC/OCIR

Capito 165-170: WOTUS→OW

Capito 171-195: Maui/WOS/WIFIA/Excess Nutrients & more→OW +172/R3 +182/OITA

Capito 196-202: Superfund, CCR, Brownfields → OLEM/OCIR for 198

Capito 203: TSCA→OCSPP

Capito 204-208: PFAS→AO/OW +OP for 207-208

Capito 209: PFAS→ AO/OLEM Capito 210: PFAS→ AO/ORD

Capito 211: PFAS→AO/OCIR

Barrasso 212-215: Regan NC→OCIR

Barrasso 216: NRC MOU→OAR

Barrasso 217-218: KXL→OP

Barrasso 219-223: CCUS/USE IT→ORD/OCFO

Barrasso 224: LD→OAR

Barrasso 225: Natural Gas → OAR/OP

Rounds 226: RFS→OAR Rounds 227: RFS→OAR

Rounds 228: Car Standards→OAR Rounds 229: Oversight→OCIR Inhofe 230: Pipelines→OP/OW/OAR Inhofe 231: Natural Gas→OP/OAR

Inhofe 232: 111(b) Report + Southwest Power Pool→OAR/OCFO

Inhofe 233: EV Market→OAR Inhofe 234-236: RFS→OAR

Inhofe 237: Nuclear Energy→OAR

Inhofe 238: Methane rulemaking→OAR/OP Inhofe 239: Methane Voluntary Programs→OAR

Inhofe 240: CWA 401→OW Inhofe 241: FIFRA→OCSPP

Inhofe 242: Pesticides + Ag→OCSPP Inhofe 243: Small Water Utilities→OW Inhofe 244: Mining Jobs→OP/OAR

Cramer 245: CWA 401→OW

Cramer 246: NSR→OAR

Cramer 247: Maui Guidance→OW

Cramer 248: Regulations, Federalism/BCA/SIPs→OP/OAR

Cramer 249: CAA 111(d), Costs→OAR/OP Cramer 250: Methane Regs→OAR/OP

Cramer 251: WOTUS→OW

Cramer 252: CCUS/Pipelines→ORD/OAR

Boozman 253: Renewables, Reliability→OAR

Wicker 254: WOTUS/Ag→OW

Wicker 255: Mississippi MOU→R4/Ag/OCIR

Wicker 256: FIFRA→OCSPP

Wicker 257: Forest Products→OCSPP

Wicker 258: AWIA→OW Wicker 259: RFS→OAR

Sullivan 260: Natural Gas/Methane Regs→OAR/OP Sullivan 261: Natural Gas/Methane Regs→OAR/OP

Sullivan 262: EOs→OP

Sullivan 263: Critical Minerals/Energy→OAR/OP

Ernst 264: Biofuels → OAR

Ernst 265: McCarthy Role → OCIR/OP

Ernst 266: RFS→OAR Ernst 267: Ag→OCSPP

Ernst 268: Biogenic CO2→OAR

Ernst 269: PIPs→OCSPP Ernst 270: Ag→OCSPP Ernst 271: RFS→OAR

From: Katims, Casey [Katims.Casey@epa.gov]

Sent: 1/28/2021 1:22:08 AM

To: Utech, Dan [Utech.Dan@epa.gov]; Fox, Radhika [Fox.Radhika@epa.gov]; Lance, Kathleen

[Lance.Kathleen@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]; Goffman, Joseph

[Goffman.Joseph@epa.gov]; Adhar, Radha [Adhar.Radha@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Cassady, Alison [Cassady, Alison@epa.gov]; Harris, Sincere [Harris.Sincere@epa.gov]; Enobakhare, Rosemary

[Enobakhare.Rosemary@epa.gov]; Freedhoff, Michal [Freedhoff.Michal@epa.gov]; Lucey, John

[Lucey.John.D@epa.gov]

Subject: ECOS Spring Meeting

Attachments: ECOS Agenda-2021-Spring-012221.pdf

Hi all -

Heads-up that a number of EPA officials are scheduled to participate in the upcoming ECOS Spring Meeting, some of which is open press, and we have two outstanding invitations for Secretary Regan and Janet McCabe to participate pending their confirmation.

Much of this was set prior to Jan. 20th. While we have some time before the meeting, the agenda is locked pretty far in advance, so I didn't want anyone taken by surprise by EPA's planned participation. We might be able to make some changes if we ask in the next couple weeks. Full agenda attached.

If it ends up working on his calendar, would be a great opportunity for Secretary Regan to engage with state environmental leaders.

More to come as we coordinate with ECOS and each program office, let us know any questions in meantime. Thanks all.

Casey 202.494.4609

	EPA Speaker	Topic
OW	Rob Wood, Director, Engineering & Analysis Division, EPA Office of Water	Produced Water Permitting (Oil & Gas Caucus) Amid EPA's recent delegation of NPDES authority to the Texas environmental agency, states are undertaking a variety of innovative activities on produced water discharge and reuse. Hear from ECOS, EPA, NGA and industry voices on rulemakings, research, and other efforts to promote sound permitting practices.
OMS	Vaughn Noga, Chief Information Officer, EPA	State and EPA Priorities & Virtual Lean Boards (Digital Business Workgroup) This breakout will feature updates from workgroup chairs on key issues for 2021. It will also include presentations on Arizona's virtual Lean boards and top priorities for U.S. EPA's Chief Information Officer.
OCFO	Kathy O'Brien, Director, Office of Planning, Analysis & Accountability, EPA Office of Chief Financial Officer	EPA's FY2022-26 Strategic Plan (Partnership & Performance Workgroup) This breakout will include discussion with U.S. EPA on the process for consideration of the agency's Strategic Plan for FY22-26. Other possible agenda items include progress toward the FY19 environmental performance metrics, state early engagement for the FY22-23 National

		Program Guidelines, Partnership Performance Grants, and the Evidence Learning Act Agenda.
AO	Michael Regan (invited)	Keynote Presentation followed by Q&A on Federal Priorities & Partnering with ECOS, moderated by ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection
ORD	Jennifer Orme-Zavaleta, EPA Science Advisor and Acting Administrator, EPA Office of Research & Development	Tackling PFAS, Harmful Algal Blooms & 1.4-Dioxane (Roundtable and Open Discussion) This session will showcase the latest policy and research surrounding three contaminants presenting unique challenges for state and federal regulators – PFAS, Harmful Algal Blooms, and 1.4-Dioxane. Presenters will also offer insight on regulatory best practices and risk communication.
AO	Janet McCabe (invited)	Innovative Policy Approaches to GHG Reduction (Roundtable and Open Discussion) As climate moves to center stage at the federal level, states will continue to play a key role in driving reductions of GHG emissions. Join this panel of state and federal policymakers as they explore strategies for GHG reduction in various sectors. NOTE: Gina McCarthy is also invited to participate in this session.



2021 ECOS Virtual Spring Meeting Agenda Navigating Change March 16 at 12:00-5:30 p.m. Eastern March 17 at 12:00-5:30 p.m. Eastern #ECOSSpring21

In a time of mounting environmental and budgetary challenges and transition to a new federal Administration, the ECOS platform for partnership and innovation is more critical than ever. ECOS member agencies are successfully navigating change through strategic alliances; creative use of technology; and the sharing of policies and best practices in air, water, land, compliance, PFAS and other emerging contaminants, pandemic adaptation, environmental justice, and more. The 2021 ECOS Spring Meeting will showcase many of these initiatives while marking the start of cooperative work with new U.S. EPA and congressional leaders.

Notes: 1) To promote full audience participation during work hours in all U.S. time zones, ECOS will conduct separate webinars on other days for states-only business.

- 2) Except where otherwise indicated, all sessions are open to all registrants.
- 3) Dress is business casual. Wear green on March 17 in honor of St. Patrick's Day and the environment.

Tuesday, March 16

ECOS Workgroups, Partnering with U.S. EPA & Natural Resource Agencies, Water, Compliance, & Emerging Contaminants

12:00 – 1:15 p.m. Eastern

Breakout Option #1: ECOS Oil & Gas Caucus (OGC) on Considerations for Produced Water Permitting (open to all)

Amid U.S. EPA's recent delegation of National Pollutant Discharge Elimination System authority to the Texas environmental agency, states are undertaking a variety of innovative activities on produced water discharge and reuse. Hear from ECOS, EPA, NGO, and industry voices on rulemakings, research, and other efforts to promote sound permitting practices.

- ECOS OGC Co-Chair Dave Glatt, Director, North Dakota Department of Environmental Quality (moderator) (invited)
- ECOS Region 6 Executive Committee Representative Jon Niermann, Chairman, Texas Commission on Environmental Quality
- Rebecca Roose, Director, Water Protection Division, New Mexico Environment Department
- Scott Thompson, Executive Director, or Shellie Chard, Director, Water
 Quality Division, Oklahoma Department of Environmental Quality
- Rob Wood, Director, Engineering & Analysis Division, U.S. EPA Office of Water
- Nichole Saunders, Senior Attorney, Environmental Defense Fund
- Matthias Sayer, Vice President, Legal Regulatory Compliance, Policy,
 Environment, NGL Energy Partners
- Joe de Almeida, Director of Water Strategy & Technology, Occidental Oil
 & Gas Corporation

12:00 – 1:15 p.m. Eastern

Breakout Option #2: ECOS Digital Business Workgroup (DBWG) on State and EPA Priorities & Virtual Lean Boards (open to states and U.S. EPA)

This breakout will feature updates from workgroup chairs on key DBWG issues for 2021. It will also include presentations on Arizona's virtual Lean boards and top priorities for U.S. EPA's Chief Information Officer.

- ECOS DBWG Chair Victoria Phillips, Director, Enterprise Information Office, Massachusetts Department of Environmental Protection (comoderator)
- ECOS DBWG Vice Chair Neil Chakrabarty, Chief Information Officer,
 West Virginia Department of Environmental Protection (co-moderator)
- Mike Keyack, Deputy Director, Arizona Department of Environmental Quality
- Vauhgn Noga, Chief Information Officer, U.S. Environmental Protection Agency

12:00 – 1:15 p.m.	Breakout Option #3: ECOS-U.S. EPA Partnership & Performance (P&P)
Eastern	Workgroup on U.S. EPA's FY2022-26 Strategic Plan & More (open to states and
	U.S. EPA)
	This breakout will include discussion with U.S. EPA on the process for
	consideration of the agency's Strategic Plan for FY22-26. Other possible agenda
	items include progress toward the FY19 environmental performance metrics,
	state early engagement for the FY22-23 National Program Guidelines,
	Partnership Performance Grants, and the Evidence Learning Act Agenda.
	ECOS P&P Workgroup Co-Chair Chair Elaine Boyd, Senior Advisor,
	Tennessee Department of Environment & Conservation (co-moderator)
	ECOS State P&P Workgroup Co-Chair Lloyd Kirk, Director, Office of
	External Affairs, Oklahoma Department of Environmental Quality (co-moderator)
	 U.S. EPA P&P Workgroup Co-Chair Kathy O'Brien, Director, Office of
	Planning, Analysis, & Accountability, U.S. EPA Office of the Chief
	Financial Officer
1:15 – 1:30 p.m.	Break
Eastern	
1:30 – 1:55 p.m.	Welcome & Introductions
Eastern	Welcome, ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection
	Roll Call & Self-Introductions, ECOS Deputy Director Carolyn Hanson & ECOS members
	Update on ECOS Activities with the New Administration and Congress, ECOS Executive Director Don Welsh
	❖ Agenda Preview, Patrick McDonnell
1:55 – 2:40 p.m.	Keynote Presentation followed by Q&A: The Honorable Michael Regan,
Eastern	Administrator, U.S. Environmental Protection Agency (invited pending confirmation), on Federal Priorities & Partnering with ECOS, moderated by
	ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection

2:40 – 3:25 p.m.	Roundtable & Open Discussion: Complex Challenges – Tackling PFAS, Harmful
Eastern	Algal Blooms, & 1,4-Dioxane This session will showcase the latest policy and research surrounding three contaminants presenting unique challenges for state and federal regulators— PFAS, Harmful Algal Blooms, and 1.4-Dioxane. Presenters will also offer insight on regulatory best practices and risk communication. ❖ ECOS Cross-Media Committee Chair Richard Whitman, Director, Oregon Department of Environmental Quality (moderator) ❖ Jennifer Orme-Zavaleta, U.S. EPA Science Advisor and Acting Administrator, U.S. EPA Office of Research & Development ❖ Mitch Olson, PE, Environmental Engineer, Trihydro
3:25 – 3:40 p.m. Eastern	Break
3:40 – 4:20 p.m. Eastern	Roundtable & Open Discussion: Advances in Air & Water Monitoring — Augmenting Data while Conserving Resources The past decade has seen significant advances in the development and use of environmental monitoring technology. Join speakers from states and industry as they explore low-cost technologies and innovative ways sensors and monitors are being put to good use. Liesl Eichler Clark, Director, Michigan Department of Environment, Great Lakes, & Energy (moderator) ECOS Cross-Media Chair Richard Whitman, Director, Oregon Department of Environmental Quality Meghan Smart, Lead Environmental Scientist and Citizen Science Coordinator, Arizona Department of Environmental Quality Air Monitoring Entrepreneur TBD Meena Sankaran, Founder & CEO, KETOS Inc.
4:20 – 4:45 p.m. Eastern	Keynote Presentation followed by Q&A: ECOS Missouri Alum Sara Parker Pauley (confirmed), Director, Missouri Department of Conservation, and President, American Fish & Wildlife Agencies, on Partnering with Your State Natural Resources or Conservation Agency, moderated by Carol Comer, Director, Missouri Department of Natural Resources
4:45 – 5:25 p.m. Eastern	Roundtable & Open Discussion: New Directions for Inspections – Prioritizing Inspections via Predictive Analytics & Leveraging Remote Inspections to Assess Compliance The inspection job of many state environmental agencies has been enhanced through new predictive analytics tools that can prioritize inspections and remote technologies that are being further refined during the COVID pandemic. These recent advances are helping regulators to determine which facilities to visit and to more efficiently confirm that violations have been addressed.

ECOS Past President and E-Enterprise for the Environment Leadership Council Member Jim Macy, Director, Nebraska Department of **Environment & Energy (moderator)** ❖ ECOS Vice President and E-Enterprise for the Environment Leadership Council State Co-Chair Ben Grumbles, Secretary, Maryland Department of the Environment Daniel E. Ho, Professor of Law, Stanford University, Director, Regulation, Evaluation, & Governance Lab (RegLab), and Associate Director, Stanford Institute for Human-Centered Artificial Intelligence 5:25 - 5:30 p.m.Announcements & Wrap-up, ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection Eastern Wednesday, March 17 Outreach, Agency Management, Partnering with Congress, GHG Reduction, & Environmental Equity Workshop Option #1: Podcasting to Promote Environmental Awareness, led 12:00 - 1:00 p.m. Eastern by John Bernard, Host, The New Bureaucrat Podcast With podcasts an increasingly popular tool for news and entertainment, they are now making their way into the governmental realm. This discussion will offer tips on how state environmental agencies and other interested parties can use podcasting to spread their message and promote environmental awareness. 12:00 - 1:00 p.m. Workshop Option #2: Thriving in the Virtual Workplace, led by Laura Watson, Director, Washington State Department of Ecology Eastern Despite the indisputable negative impacts of the COVID crisis, the disruption presents a chance for organizations to improve our pre-COVID habits and processes. This conversation will build on previous ECOS discussions of remote operations and explore opportunities to thrive, not just survive, in the post-COVID environment. 12:00 - 1:00 p.m. Workshop Option #3: Moving Ahead on ECOS Results, led by ECOS Secretary-Treasurer & Planning Committee Chair Myra Reece, Director of Environmental Eastern Affairs, South Carolina Department of Health & Environmental Control (invited), and ECOS P&P Workgroup Co-Chair Chair Elaine Boyd, Senior Advisor, Tennessee Department of Environment & Conservation ECOSResults.org is a state-led performance dashboard that highlights the outcomes of state efforts to protect human health and the environment. Now in its fourth year, the ECOSResults team is thinking ahead about how the site can evolve. This workshop will feature a review of the site and an open discussion on how members can further leverage the tool.

1:00 — 1:15 p.m. Eastern	Break
1:15 – 1:20 p.m. Eastern	Call to Order & Announcements, ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection
1:20 – 2:00 p.m. Eastern	Keynote Presentations followed by Q&A: The Honorable Tom Carper (D-DE), Chairman, Senate Environment & Public Works Committee (invited) and The Honorable Shelley Moore Capito (R-WV), Ranking Member, Senate Environment & Public Works Committee (to be invited pending selection), on Environmental Priorities for the 117th Congress, introduced by ECOS Vice President Ben Grumbles, Secretary, Maryland Department of the Environment
2:00 – 2:40 p.m. Eastern	Roundtable & Open Discussion: Innovative Policy Approaches to Greenhouse Gas Reduction As climate moves to center stage at the federal level, states will continue to play a key role in driving reductions of greenhouse gas (GHG) emissions. Join this panel of state and federal policymakers as they explore strategies for GHG reduction in various sectors. ❖ ECOS Air Committee Chair Sheila Holman, Assistant Secretary for the Environment, North Carolina Department of Environmental Quality (moderator) ❖ Janet Coit, Director, Rhode Island Department of Environmental Management ❖ Trisha Oeth, Acting Environmental Programs Policy Advisor, Colorado Department of Public Health and Environment ❖ The Honorable Gina McCarthy, National Climate Advisor, White House, and former Administrator, U.S. Environmental Protection Agency (invited) ❖ The Honorable Janet McCabe, Deputy Administrator, U.S. Environmental Protection Agency (invited)
2:40 – 3:20 p.m. Eastern	Roundtable & Open Discussion: Groundbreaking Partnerships for Methane Reduction Many industries are pioneering voluntary approaches to reducing their carbon footprint. This session will provide an overview of some creative partnerships surrounding methane, including a record-setting carbon capture project involving livestock lagoons and a joint effort by the gas and utility industries to enhance reporting. * ECOS Air Committee Vice Chair and Region 6 Executive Committee Representative Jon Niermann, Chairman, Texas Commission on Environmental Quality (moderator) * Mandy Tornabene, Vice President, Environmental Services, Dominion Energy

	 Stewart Leeth, Chief Sustainability Officer, Smithfield (invited) Karen Obenshain, Senior Director, Fuels, Technology & Commercial Policy, Edison Electric Institute Pam Lacey, Chief Regulatory Counsel, American Gas Association 	
3:20 – 3:35 p.m. Eastern	Break	
3:35 – 3:55 p.m. Eastern	Keynote Presentation followed by Q&A: The Honorable South Carolina Representative Harold Mitchell, Jr. (confirmed), Founder, ReGenesis Project of Spartanburg, SC, on Community Revitalization & Collaborative Problem- Solving, introduced by ECOS Secretary-Treasurer & Planning Committee Chair Myra Reece, Director of Environmental Affairs, South Carolina Department of Health & Environmental Control	
3:55 – 4:35 p.m. Eastern	Roundtable & Open Discussion: Environmental Equity – Getting to Know Our Communities & Recognize Disparities To ensure that all Americans have healthy environments in which to live, learn, and work, states are pursuing an array of initiatives to provide equal protection from environmental and health hazards. Hear from three states on their approaches, successes, and lessons learned. * ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection (moderator) * Environmental Research Institute of the States President David Paylor, Director, Virginia Department of Environmental Quality * Serena McIlwain, Undersecretary for Environmental Protection, California Environmental Protection Agency * ECOS Secretary-Treasurer and Planning Committee Chair Myra Reece, Director of Environmental Affairs, South Carolina Department of Health & Environmental Control	
4:35 – 5:20 p.m. Eastern	Open Discussion: Best Practice Sharing – Boosting Agency Productivity to Get the Job Done, led by ECOS Waste Committee Chair Darsi Foss, Environmental Management Division Administrator, Wisconsin Department of Natural Resources State environmental agencies are leaders in implementing new approaches to promote more efficient and effective use of fiscal and staff resources. While ECOS spotlights state innovations at each Fall Meeting, this session will provide an open forum for states and our partners to share ways big and small in which we are working to boost productivity in the workplace.	
5:20 – 5:30 p.m. Eastern	Final Reflections, Announcements, & Wrap-up, ECOS President Patrick McDonnell, Secretary, Pennsylvania Department of Environmental Protection	

From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/9/2021 5:26:36 PM

To: Garbow, Avi [Garbow.Avi@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]

CC: Adhar, Radha [Adhar.Radha@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]

Subject: RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Fine here. Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Garbow, Avi <Garbow.Avi@epa.gov> Sent: Tuesday, February 9, 2021 12:26 PM

To: Hamilton, Lindsay < Hamilton.Lindsay@epa.gov>

Cc: Goffman, Joseph <Goffman.Joseph@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan

<Utech.Dan@epa.gov>

Subject: Re: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

My suggestion is that we do the 1pm briefing - and we can discuss amongst ourselves afterwards if needed.

Avi Garbow Senior Counselor to the Administrator U.S. EPA Sent from my iPhone

On Feb 9, 2021, at 12:24 PM, Hamilton, Lindsay < Hamilton, Lindsay@epa.gov> wrote:

Are we convening at 12:30 or just proceeding to the 1PM?

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

Sent: Monday, February 8, 2021 10:22 PM **To:** Hoffer, Melissa < <u>Hoffer, Melissa@epa.gov</u>>

Cc: Garbow, Avi <Garbow.Avi@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan

<<u>Utech.Dan@epa.gov</u>>; Hamilton, Lindsay <<u>Hamilton.Lindsay@epa.gov</u>> **Subject:** RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

My apologies, Melissa. I think you've told me this about 10 times, so cheer up you'll only have to tell me 20 more times until it finally sinks in.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Sent: Monday, February 8, 2021 9:15 PM

To: Goffman, Joseph < Goffman. Joseph@epa.gov >

Cc: Garbow, Avi <Garbow.Avi@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan

<<u>Utech.Dan@epa.gov</u>>; Hamilton, Lindsay <<u>Hamilton.Lindsay@epa.gov</u>> **Subject:** Re: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Thanks Joe.

A reminder that I am recused from this matter (as concerns litigation strategy) and should be taken off further correspondence relating to it. Thank you.

Sent from my iPhone

On Feb 8, 2021, at 7:17 PM, Goffman, Joseph < Goffman, Joseph@epa.gov> wrote:

I will forward you what we sent down to the AO. Hang on.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Garbow, Avi < Garbow.Avi@epa.gov> Sent: Monday, February 8, 2021 7:16 PM

To: Goffman, Joseph < Goffman, Joseph@epa.gov>; Adhar, Radha

<adhar.Radha@epa.gov>; Utech, Dan <Utech.Dan@epa.gov>; Hamilton, Lindsay

<Hamilton.Lindsay@epa.gov>

Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Subject: RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Thanks Joe. While I do not see pre-read materials for tomorrow's briefing (may be that I just didn't get them). Ex. 5 AC/AWP/DP

I suggest that this group convene separate from the larger briefing group tomorrow – and happy to talk with you and others tonight or tomorrow.

avi

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

Sent: Monday, February 8, 2021 7:10 PM

To: Adhar, Radha <<u>Adhar.Radha@epa.gov</u>>; Utech, Dan <<u>Utech.Dan@epa.gov</u>>; Garbow, Avi <Garbow.Avi@epa.gov>; Hamilton, Lindsay <Hamilton.Lindsay@epa.gov>

Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Subject: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

I want to bring your attention to potential impending actions

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP



I'm around if anyone wants to chat this evening. Otherwise, we will be ready to discuss all this at our briefing tomorrow

Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Culligan, Kevin < Culligan. Kevin@epa.gov > Sent: Monday, February 8, 2021 5:54 PM

To: Goffman, Joseph < Goffman Joseph@epa.gov >

Cc: Tsirigotis, Peter < Tsirigotis. Peter @epa.gov >; Campbell, Ann

Ex. 5 AC/AWP/DP

- it. Do not hesitate to call me.
 - Kevin (202)222-5351

From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/9/2021 5:26:14 PM

To: Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]

CC: Garbow, Avi [Garbow.Avi@epa.gov]; Adhar, Radha [Adhar.Radha@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]

Subject: RE: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

Avi – anything we need to discuss following your discussions with OGC?

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Hamilton, Lindsay < Hamilton. Lindsay@epa.gov>

Sent: Tuesday, February 9, 2021 12:25 PM

To: Goffman, Joseph < Goffman. Joseph@epa.gov>

Cc: Garbow, Avi <Garbow.Avi@epa.gov>; Adhar, Radha <Adhar.Radha@epa.gov>; Utech, Dan <Utech.Dan@epa.gov>

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<<u>Utech.Dan@epa.gov</u>>; Hamilton, Lindsay <<u>Hamilton.Lindsay@epa.gov</u>>

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Thanks Joe. While I do not see pre-read materials for tomorrow's briefing (may be that I just didn't get them), **Ex. 5 AC/AWP/DP**

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To: Adhar, Radha < Adhar.Radha@epa.gov>; Utech, Dan < Utech.Dan@epa.gov>; Garbow, Avi

<Garbow.Avi@epa.gov>; Hamilton, Lindsay <Hamilton.Lindsay@epa.gov>

Cc: Hoffer, Melissa < Hoffer. Melissa@epa.gov>

Subject: TIME-SENSITIVE HEADS UP -- ACE/CPP/Power Plant Regulation

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Ex. 5 AC/AWP/DP

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Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

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To: Goffman, Joseph < Goffman. Joseph@epa.gov>

Cc: Tsirigotis, Peter < Tsirigotis.Peter@epa.gov>; Campbell, Ann < Campbell.Ann@epa.gov>

Subject: Update on ACE Letter

Ex. 5 AC/AWP/DP

Ex. 5 AC/AWP/DP

Do not hesitate

to call me.

- Kevin (202)222-5351

Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/19/2021 12:27:04 AM

To: Utech, Dan [Utech.Dan@epa.gov]

Subject: RE: Quick Ask

I think we should just connect Gina's person with Paul Gunning in OAP. Probably the best point of access substantively. Thanks.

Joseph Goffman **Acting Assistant Administrator** Office of Air and Radiation U.S. Environmental Protection Agency

From: Utech, Dan <Utech.Dan@epa.gov> Sent: Thursday, February 18, 2021 11:38 AM To: Goffman, Joseph < Goffman. Joseph@epa.gov>

Subject: FW: Quick Ask

Your thoughts about how to handle would be appreciated. I already replied to say I'll look into it

From: McCarthy, Gina A. EOP/WHO Ex. 6 Personal Privacy (PP)

Sent: Thursday, February 18, 2021 10:04 AM

To: Utech, Dan < Utech. Dan@epa.gov>

Subject: Quick Ask

Dan I would like to talk to folks at EPA who are managing the GHG inventory. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/18/2021 4:39:21 PM

To: Utech, Dan [Utech.Dan@epa.gov]

Subject: RE: Quick Ask

Got it. On it. Thanks, Dan.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Utech, Dan <Utech.Dan@epa.gov>
Sent: Thursday, February 18, 2021 11:38 AM
To: Goffman, Joseph <Goffman.Joseph@epa.gov>

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Ex. 5 Deliberative Process (DP)

From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 3/3/2021 12:12:13 AM

To: Carbonell, Tomas [Carbonell.Tomas@epa.gov]

Subject: FW: Methane rescission rule

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Utech, Dan <Utech.Dan@epa.gov>
Sent: Wednesday, February 24, 2021 10:01 AM

To: Hoffer, Melissa < Hoffer. Melissa@epa.gov>; Goffman, Joseph < Goffman. Joseph@epa.gov>

Cc: Adhar, Radha <Adhar.Radha@epa.gov> **Subject:** FW: Methane rescission rule

Per below, the WH climate office would like to pull together a discussion on methane/CRA. On the EPA end, I expect that's you two at minimum. Would you want anyone else in the discussion?

From: Hayes, David J. EOP/WHO Ex. 6 Personal Privacy (PP)

Sent: Wednesday, February 24, 2021 8:52 AM

To: Utech, Dan < Utech. Dan@epa.gov>; Ceronsky, Megan M. EOP/WHO Ex. 6 Personal Privacy (PP)

Cc: Zaidi, Ali A. EOP/WHO Ex. 6 Personal Privacy (PP) Hayes, David J. EOP/WHO Ex. 6 Personal Privacy (PP)

Subject: Methane rescission rule

Dan and Megan:

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

I would like to pull together a meeting so we can facilitate a final decision on the matter. Let me know who you think should be in the meeting.

Thanks.

David J. Hayes Special Ass't to the President for Climate Policy White House Climate Policy Office Cell: 202-881-9744 From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/6/2021 4:16:30 PM

To: Lubetsky, Jonathan [Lubetsky.Jonathan@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]

CC: Burch, Julia [Burch.Julia@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Kocchi, Suzanne
[Kocchi.Suzanne@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Nunez, Alejandra

[Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]

Subject: Fwd: By 4 pm today: Review OCIR-drafted EPW QFR responses

Attachments: Program Table of Contents.docx; ALL Regan QFRs 2021-02-06 1100.docx

Here we go. Jonathan-Lead on. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "Adhar, Radha" <Adhar.Radha@epa.gov> Date: February 6, 2021 at 11:13:18 AM EST

To: Leadership_Assistant_Administrators < Leadership_Assistant_Administrators@epa.gov>

Cc: "Richardson, RobinH" < Richardson. RobinH@epa.gov>, "Thundiyil, Karen"

<Thundiyil.Karen@epa.gov>, "Knapp, Kristien" <Knapp.Kristien@epa.gov>, "Moody, Christina" <Moody.Christina@epa.gov>, "Levine, Carolyn" <Levine.Carolyn@epa.gov>, "Haman, Patricia"

<Haman.Patricia@epa.gov>, "Kaiser, Sven-Erik" <Kaiser.Sven-Erik@epa.gov>

Subject: By 4 pm today: Review OCIR-drafted EPW QFR responses

Hey y'all,

Attached for your program is the set of Questions for the Record, along with OCIR-drafted responses. **We need your feedback by 4 pm this afternoon** in order to complete this process by Monday morning.

Pasted below and attached is a Table of Contents for the QFRs, which groups similar questions together and highlights the offices with equities in each question. Please concentrate review on your program's specific questions.

I defer to you for appropriate review and distribution within your programs, but I'll note that most responses are extremely high level, which reflect Secretary Regan's status as not yet an EPA employee. For QFRs in yellow, we are working in parallel to get specific input from Secretary Regan.

Please send your response (in Track Changes) to me, Robin Richardson and Matt Klasen, and OCIR will compile your comments as we move forward in the review process.

Please let Robin or me know if you have any questions or concerns, and thanks in advance for your help!

Thanks,

Radha

QFR Timeline

- 1. QFRs sent to EPA from the EPW committee (4pm on Friday 2/5)
- 2. OCIR screens QFRs, drafts responses (as appropriate), and identifies lead offices (afternoon/evening of Friday 2/5 using SharePoint)
- 3. OCIR distributes to offices (political and acting AAs) for review and additional drafting (as needed), with a request for AA level concurrence (distributed by OCIR late Friday/early Saturday; offices return to OCIR by 4pm on Saturday 2/6)
- 4. OCIR assembles responses (using SharePoint on Sat 2/6 from 4-6pm)
- 5. OGC Review (OCIR sends to OGC by 6pm on Saturday 2/6)
- 6. Chief of Staff Review (OGC to COS by 7am on Sunday 2/7)
- 7. Nominee Review (to Nominee by noon on 2/7)
- 8. White House Review (to WH by 5 on Sunday 2/7)
- 9. OCIR sends Secretary Regan's responses to the EPW committee (by 9:30 am on Monday 2/8)

Regan Confirmation - Program Table of Contents

Carper 1-4: LD/HFCs/Interstate Transport/Methane→OAR

Carper 5: PFAS→AO/OW

Carper 6: Scientific Integrity→ORD/OP

Carper 7: EJ→OP Carper 8: RFS→OAR

Note: Carper 9-12 are from Booker:

Carper 9: MATS →OAR

Carper 10; PM NAAQS/EJ→OAR/OP

Carper 11: TSCA→OCSPP

Carper 12: Methylene Chloride, TCE→OCSPP

Whitehouse 13: RFS/E-RINs→OAR Whitehouse 14: Nuclear→OAR Whitehouse 15: RFS/REGS→OAR

Kelly 16: PFAS→AO/OW/R9 Kelly 17: WOTUS→OW/R9

Kelly 18: Nogales Sewage→OW/OITA/R9

Kelly 19: Navajo Uranium Mines→OLEM/R9/OITA/OW

Kelly 20: NAAQS→OAR/R9

Kelly 21: Rio Reimagined→OW/R9

Padilla 22: Cal Waiver→ OAR

Padilla 23: Exide Site→ OECA/R9

Padilla 24: PFAS→ AO/ORD/OW/R9

Padilla 25: DERA→ OAR/R9

Capito 26-29: EJ→OP

Capito 30: Regulatory Costs→OP

Capito 31: EJ Czar→OP

Capito 32-33: Jobs→OP

Capito 34: Enforcement → OECA

Capito 35: Jobs→OP

Capito 36: COVID Regulations → OP

Capito 37-38: EOs→OP/OAR

Capito 39: CPP→OAR/OCIR Oversight

Capito 40-47: Transparency→OP→OPA/OGC

Capito 48-50: Staffing→AO/OCIR

Capito 51-53: Ethics→OGC/OCIR Oversight

Capito 54-65, 67, 69: Regulations→OP + OAR on Capito 58 + OW on Capito 62 +ORD on Capito 65

Capito 66: FIP/SIP→OAR/OP/OCIR State+Local Capito 67: Staffing→AO Capito 68-71: Enforcement→OECA Capito 72: WH Czars→AO/OCIR/OP/OPA Capito 73-83: Nominee Background→AO/OCIROCIR/OGC-Ethics Capito 84-92: WH Czars→AO/OCIR/OP/OPA Capito 93-106→SABSO/ORD/OGC +AO (Avi) for 104 Capito 107: Nuclear → OAR/OP Capito 108: LNT→OAR/OP/ORD Capito 109: SCC→OP Capito 110-124: Regs→OP +OGC for 122 Capito 125-135, 137: Paris/HFCs/LD/NAAQS/RFS→OAR Capito 136: Class 6→OW/OCFO Capito 138: CCUS and R/D \rightarrow ORD/OP Capito 139: Air Pollution → OAR Capito 140: Goffman/McCarthy Role→AO/OCIR/OAR Capito 141-142: Jobs→OP Capito 143: Methane → OAR Capito 144: Innovation → ORD/OP Capito 145: EtO→OAR/ORD Capito 146-147: EOs→OP Capito 148-150 CPP→OAR Capito 151-153 NC & CPP→ OAR/OCIR Capito 154 MATS/CBA→OP/OAR Capito 155-160 RFS→OAR Capito 161: WOTUS→OW Capito 162-163: WOTUS/NC→OCIR/OW Capito 164: Ethics→OGC/OCIR Capito 165-170: WOTUS→OW Capito 171-195: Maui/WQS/WIFIA/Excess Nutrients & more→OW +172/R3 +182/OITA Capito 196-202: Superfund, CCR, Brownfields → OLEM/OCIR for 198 Capito 203: TSCA→OCSPP Capito 204-208: PFAS→AO/OW +OP for 207-208 Capito 209: PFAS→ AO/OLEM Capito 210: PFAS→ AO/ORD Capito 211: PFAS→AO/OCIR Barrasso 212-215: Regan NC→OCIR Barrasso 216: NRC MOU→OAR Barrasso 217-218: KXL→OP Barrasso 219-223: CCUS/USE IT→ORD/OCFO Barrasso 224: LD→OAR Barrasso 225: Natural Gas→OAR/OP Rounds 226: RFS→OAR Rounds 227: RFS→OAR Rounds 228: Car Standards → OAR Rounds 229: Oversight→OCIR Inhofe 230: Pipelines → OP/OW/OAR Inhofe 231: Natural Gas→OP/OAR Inhofe 232: 111(b) Report + Southwest Power Pool→OAR/OCFO Inhofe 233: EV Market→OAR Inhofe 234-236: RFS→OAR Inhofe 237: Nuclear Energy→OAR Inhofe 238: Methane rulemaking→OAR/OP

Inhofe 239: Methane Voluntary Programs → OAR

Inhofe 240: CWA 401→OW Inhofe 241: FIFRA→OCSPP

Inhofe 242: Pesticides + Ag→OCSPP Inhofe 243: Small Water Utilities→OW Inhofe 244: Mining Jobs→OP/OAR

Cramer 245: CWA 401→OW

Cramer 246: NSR→OAR

Cramer 247: Maui Guidance→OW

Cramer 248: Regulations, Federalism/BCA/SIPs→OP/OAR

Cramer 249: CAA 111(d), Costs→OAR/OP Cramer 250: Methane Regs→OAR/OP

Cramer 251: WOTUS→OW

Cramer 252: CCUS/Pipelines→ORD/OAR

Boozman 253: Renewables, Reliability→OAR

Wicker 254: WOTUS/Ag→OW

Wicker 255: Mississippi MOU→R4/Ag/OCIR

Wicker 256: FIFRA→OCSPP

Wicker 257: Forest Products→OCSPP

Wicker 258: AWIA→OW Wicker 259: RFS→OAR

Sullivan 260: Natural Gas/Methane Regs→OAR/OP Sullivan 261: Natural Gas/Methane Regs→OAR/OP

Sullivan 262: EOs→OP

Sullivan 263: Critical Minerals/Energy→OAR/OP

Ernst 264: Biofuels → OAR

Ernst 265: McCarthy Role→OCIR/OP

Ernst 266: RFS→OAR Ernst 267: Ag→OCSPP

Ernst 268: Biogenic CO2→OAR

Ernst 269: PIPs→OCSPP Ernst 270: Ag→OCSPP

Ernst 271: RFS→OAR

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Capito 26-29: EJ→OP

Capito 30: Regulatory Costs→OP

Capito 31: EJ Czar→OP

Capito 32-33: Jobs→OP

Capito 34: Enforcement →OECA

Capito 35: Jobs→OP

Capito 36: COVID Regulations → OP

Capito 37-38: EOs→OP/OAR

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Capito 40-47: Transparency→OP→OPA/OGC

Capito 48-50: Staffing→AO/OCIR

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Capito 66: FIP/SIP→OAR/OP/OCIR State+Local

Capito 67: Staffing→AO

Capito 68-71: Enforcement→OECA

Capito 72: WH Czars→AO/OCIR/OP/OPA

Capito 73-83: Nominee Background→AO/OCIROCIR/OGC-Ethics

Capito 84-92: WH Czars→AO/OCIR/OP/OPA

Capito 93-106→SABSO/ORD/OGC +AO (Avi) for 104

Capito 107: Nuclear → OAR/OP

Capito 108: LNT→OAR/OP/ORD

Capito 109: SCC→OP Capito 110-124: Regs→OP +OGC for 122 Capito 125-135, 137: Paris/HFCs/LD/NAAQS/RFS→OAR Capito 136: Class 6→OW/OCFO Capito 138: CCUS and R/D→ORD/OP Capito 139: Air Pollution→OAR Capito 140: Goffman/McCarthy Role→AO/OCIR/OAR Capito 141-142: Jobs→OP Capito 143: Methane → OAR Capito 144: Innovation→ORD/OP Capito 145: EtO→OAR/ORD Capito 146-147: EOs→OP Capito 148-150 CPP→OAR Capito 151-153 NC & CPP→ OAR/OCIR Capito 154 MATS/CBA→OP/OAR Capito 155-160 RFS→OAR Capito 161: WOTUS→OW Capito 162-163: WOTUS/NC→OCIR/OW Capito 164: Ethics→OGC/OCIR Capito 165-170: WOTUS→OW Capito 171-195: Maui/WQS/WIFIA/Excess Nutrients & more→OW +172/R3 +182/OITA Capito 196-202: Superfund, CCR, Brownfields → OLEM/OCIR for 198 Capito 203: TSCA→OCSPP Capito 204-208: PFAS→AO/OW +OP for 207-208 Capito 209: PFAS→ AO/OLEM Capito 210: PFAS→ AO/ORD Capito 211: PFAS→AO/OCIR Barrasso 212-215: Regan NC→OCIR Barrasso 216: NRC MOU→OAR Barrasso 217-218: KXL→OP Barrasso 219-223: CCUS/USE IT→ORD/OCFO Barrasso 224: LD→OAR Barrasso 225: Natural Gas→OAR/OP Rounds 226: RFS→OAR Rounds 227: RFS→OAR Rounds 228: Car Standards → OAR Rounds 229: Oversight→OCIR Inhofe 230: Pipelines → OP/OW/OAR Inhofe 231: Natural Gas→OP/OAR Inhofe 232: 111(b) Report + Southwest Power Pool→OAR/OCFO Inhofe 233: EV Market→OAR Inhofe 234-236: RFS→OAR Inhofe 237: Nuclear Energy→OAR Inhofe 238: Methane rulemaking→OAR/OP Inhofe 239: Methane Voluntary Programs → OAR Inhofe 240: CWA 401→OW

Inhofe 241: FIFRA→OCSPP

Inhofe 242: Pesticides + Ag→OCSPP

Inhofe 243: Small Water Utilities→OW Inhofe 244: Mining Jobs→OP/OAR

Cramer 245: CWA 401→OW

Cramer 246: NSR→OAR

Cramer 247: *Maui* Guidance→OW

Cramer 248: Regulations, Federalism/BCA/SIPs→OP/OAR

Cramer 249: CAA 111(d), Costs→OAR/OP

Cramer 250: Methane Regs→OAR/OP Cramer 251: WOTUS→OW

Cramer 252: CCUS/Pipelines→ORD/OAR

Boozman 253: Renewables, Reliability→OAR

Wicker 254: WOTUS/Ag→OW

Wicker 255: Mississippi MOU→R4/Ag/OCIR

Wicker 256: FIFRA→OCSPP

Wicker 257: Forest Products→OCSPP

Wicker 258: AWIA→OW Wicker 259: RFS→OAR

Sullivan 260: Natural Gas/Methane Regs→OAR/OP Sullivan 261: Natural Gas/Methane Regs→OAR/OP

Sullivan 262: EOs→OP

Sullivan 263: Critical Minerals/Energy→OAR/OP

Ernst 264: Biofuels → OAR

Ernst 265: McCarthy Role → OCIR/OP

Ernst 266: RFS→OAR Ernst 267: Ag→OCSPP

Ernst 268: Biogenic CO2→OAR

Ernst 269: PIPs→OCSPP Ernst 270: Ag→OCSPP Ernst 271: RFS→OAR

From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/3/2021 2:33:23 AM

To: Grundler, Christopher [grundler.christopher@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Carbonell, Tomas

[Carbonell.Tomas@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]

Subject: RE: power sector discussion

Thanks, Chris. I gleaned a sense of what's needed here from Ali Zaidi and downloaded same to Kevin, who has the pen, I think. Thanks, again.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Grundler, Christopher <grundler.christopher@epa.gov>

Sent: Tuesday, February 2, 2021 9:08 PM

To: Goffman, Joseph < Goffman. Joseph@epa.gov>; Campbell, Ann < Campbell. Ann@epa.gov>; Carbonell, Tomas < Carbonell. Tomas@epa.gov>; Tsirigotis, Peter < Tsirigotis. Peter@epa.gov>; Koerber, Mike < Koerber. Mike@epa.gov>

Subject: RE: power sector discussion

Joe et al:

We have plenty of existing slides (e.g., emissions trends of criteria and GHGs and projections) that can be used as needed

Chris

Christopher Grundler, Director Office of Atmospheric Programs U.S. Environmental Protection Agency 202.343.9140 (o) 734.645.5221 (m)

From: Goffman, Joseph < Goffman. Joseph@epa.gov>

Sent: Tuesday, February 2, 2021 4:07 PM

To: Campbell, Ann < Campbell. Ann@epa.gov>; Carbonell, Tomas < Carbonell. Tomas@epa.gov>; Tsirigotis, Peter

<Tsirigotis.Peter@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>

Cc: Grundler, Christopher <grundler.christopher@epa.gov>

Subject: FW: power sector discussion

Importance: High

Some WH-generated excitement. No priors beyond what's below, although I will seek some. Assume we have to produce PowerPoint. Will try to find out if we have to submit it in advance, etc. Thanks.

Joseph Goffman
Acting Assistant Administrator
Office of Air and Radiation
U.S. Environmental Protection Agency

From: Smith, Grace Y. EOP/CEQ Ex. 6 Personal Privacy (PP) Sent: Tuesday, February 2, 2021 3:42 PM To: Utech, Dan < <u>Utech.Dan@epa.gov</u>>; Zaidi, Ali A. EOP/WHO ← Ex. 6 Personal Privacy (PP) Goffman, Joseph <Goffman.Joseph@epa.gov> Cc: MacHardy, Sonia R. Aggarwal R. EOP/WHO Ex. 6 Personal Privacy (PP) Thomas, Maggie M. EOP/WHO Ex. 6 Personal Privacy (PP) **Subject:** RE: power sector discussion How's Friday, February 5 from 3-4pm ET for everyone? Thanks, Grace Smith | she/her Scheduler, Council on Environmental Quality (CEQ) [email] Grace. Y. Smith Ex. 6 Personal Privacy (PP) [call only] Ex. 6 Personal Privacy (PP) From: Utech, Dan < Utech.Dan@epa.gov> Sent: Tuesday, February 2, 2021 3:40 PM To: Zaidi, Ali A. EOP/WHO { Ex. 6 Personal Privacy (PP) }; Goffman, Joseph < Goffman, Joseph@epa.gov> Cc: MacHardy, Sonia R. Aggarwal R. EOP/WHO Ex. 6 Personal Privacy (PP) ; Thomas, Maggie M. EOP/WHO Ex. 6 Personal Privacy (PP) >; Smith, Grace Y. EOP/CEQ Ex. 6 Personal Privacy (PP) Subject: RE: power sector discussion Sounds good – we'll make it work but Friday better on our end. From: Zaidi, Ali A. EOP/WHO Ex. 6 Personal Privacy (PP) Sent: Tuesday, February 2, 2021 3:29 PM To: Utech, Dan < Utech. Dan@epa.gov >; Goffman, Joseph < Goffman. Joseph@epa.gov > Cc: MacHardy, Sonia R. Aggarwal R. EOP/WHO Ex. 6 Personal Privacy (PP) ; Thomas, Maggie M. EOP/WHO Ex. 6 Personal Privacy (PP) ; Smith, Grace Y. EOP/CEC Ex. 6 Personal Privacy (PP) Subject: power sector discussion Dan and Joe, We would like to schedule a 60-minute discussion on the power sector for Thursday or Friday. Topics to cover include: Ex. 5 Deliberative Process (DP)

Manifest on our end will likely be: Gina, me, Sonia, and Maggie. Looping the right crew on our end to land.

Thank you.

Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 1/23/2021 12:34:02 AM

Utech, Dan [Utech.Dan@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov] To:

Subject: RE: Response Requested by 1/26: Interagency Working Group on the Social Cost of Greenhouse Gases

Thanks, Vicki and Dan Ex. 5 Deliberative Process (DP)

From: Utech, Dan < Utech.Dan@epa.gov> Sent: Friday, January 22, 2021 6:54 PM

To: Arroyo, Victoria < Arroyo. Victoria@epa.gov> Cc: Goffman, Joseph < Goffman. Joseph@epa.gov>

Subject: RE: Response Requested by 1/26: Interagency Working Group on the Social Cost of Greenhouse Gases

Thanks Vicki, and Joe let me know if you want me to put forward an OAR person as a second.

From: Arroyo, Victoria < Arroyo, Victoria@epa.gov>

Sent: Friday, January 22, 2021 6:09 PM To: Utech, Dan < Utech.Dan@epa.gov>

Cc: Goffman, Joseph < Goffman. Joseph@epa.gov>

Subject: RE: Response Requested by 1/26: Interagency Working Group on the Social Cost of Greenhouse Gases

Hi Dan -

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Warm best, Vicki

From: Utech, Dan < <u>Utech.Dan@epa.gov</u>> **Sent:** Friday, January 22, 2021 8:19 AM

To: Arroyo, Victoria < Arroyo. Victoria@epa.gov>

Subject: FW: Response Requested by 1/26: Interagency Working Group on the Social Cost of Greenhouse Gases

This should be someone from your office, I think. Let me know what you think and I'll relay back to Kei. Thanks.

From: Koizumi, Kei EOP/OSTF Ex. 6 Personal Privacy (PP)

Sent: Thursday, January 21, 2021 10:58 PM

To: Koizumi, Kei EOP/OSTP < Ex. 6 Personal Privacy (PP)

Subject: Response Requested by 1/26: Interagency Working Group on the Social Cost of Greenhouse Gases

Greetings to everyone. I'm Kei Koizumi, the new Chief of Staff at the White House Office of Science and Technology Policy (OSTP) and currently serving as Acting Director. I'd like to call to your attention the memo below and attached on a follow-up to yesterday's EO on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis. Please feel free to direct questions to me and thank you for your attention to this short deadline for making progress on this important deliverable for tackling the climate crisis. Kei

Kei Koizumi
(he/him)
Acting Director and Chief of Staff
Office of Science and Technology Policy
Executive Office of the President.

Ex. 6 Personal Privacy (PP)

Cell Ex. 6 Personal Privacy (PP)

January 21, 2021

MEMORANDUM FOR AGENCY CHIEFS OF STAFF AND ACTING AGENCY HEADS

FROM: Kei Koizumi, Acting Director and Chief of Staff, Office of Science and

Technology Policy, Executive Office of the President

SUBJECT: Interagency Working Group on the Social Cost of Greenhouse Gases

I. **SUMMARY**

Requested Action: Identify your agency/office representative to an Interagency Working Group on the Social Cost of Greenhouse Gases by no later than Tuesday, January 26, 2021, in response to the January 20, 2021 Executive Order on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis.

II. BACKGROUND

The social cost of carbon (SCC) is an economic metric intended to provide a comprehensive estimate of the net damages—that is, the monetized value of the net impacts, both negative and positive—from the global climate change that results from a small (1 metric ton) increase in carbon dioxide (CO₂) emissions.

In 2009, OMB and CEA convened the Interagency Working Group on SCC (IWG) to develop government-wide estimates of the SCC for Federal agencies to use in conducting regulatory impact analyses for rulemaking. The IWG was composed of representatives of many Federal agencies, including, among others, EPA, DOE, and DOT, which used the IWG estimates in analyzing dozens of proposed and final regulations. The IWG finalized its SCC estimates in 2010 and included them in a Technical Support Document that also provided guidance for agencies on using the estimates. The IWG issued updates to the Technical Support Document that included revised estimates of the social cost of carbon in 2013, minor technical corrections in 2015, and enhanced discussion of uncertainties around the estimates in 2016.

In January 2017, in response to a request from the IWG, the National Academies of Science, Engineering, and Medicine (NASEM) issued "<u>Valuing Climate Damages</u>," a report that included recommendations for updating the underlying methods used by the IWG to develop its estimates of the social cost of carbon. In March 2017, President Trump issued EO 13783 which disbanded the IWG and withdrew its Technical

Support Document guidance and SCC estimates "as no longer representative of governmental policy," changing how Federal estimates for the SCC would be developed going forward. Two key assumptions used to calculate the current estimates were changed, including using: (1) domestic rather than global climate change damages, and (2) different discount rates (3% and 7% rather than 2.5%, 3%, and 5%). As a result, the current Federal estimates, based on domestic climate damages, are ~7 times lower than the prior Federal estimates that were based on global damages (when both prior and current estimates are expressed in 2018 U.S. dollars and calculated using a 3% discount rate).

III. SUMMARY OF EXECUTIVE ACTION

The SCC, social cost of methane (SCM) and social cost of nitrous oxide (SCNo)—together, the social cost of greenhouse gases (SCGHG)—are estimates of the monetized damages associated with an incremental increase in these three greenhouse gas emissions. Adjusting the SCGHG is intended to include (but is not limited to) changes in net agricultural productivity, human health, property damages from increased flood risk, and the value of ecosystem services in order to allow agencies to incorporate the social benefits of reducing these greenhouse gas emissions into cost-benefit analyses of regulatory and other actions.

The Executive Order on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis (EO) calls for the following:

- (1) Re-establishment of the IWG as the Interagency Working Group on the Social Cost of Greenhouse Gases (Working Group), to be co-chaired by OMB, CEA, and OSTP;
- (2) Recommendation within 30 days for interim values of SCGHG to be used by agencies;
- (3) Recommendations, by no later than September 1, 2021, of areas of decision-making, budgeting, and procurement by the Federal government, in addition to Regulatory Impact Analysis, where the SCGHG should be applied;
- (4) The initiation of a process to provide an updated, final SCGHG by January 1, 2022;
- (5) Recommendation of a process for reviewing, and when appropriate, updating the SCGHG by no later than June 1, 2022; and
- (6) Recommended revisions to methodologies for calculating the SCGHG that take account of climate risk, environmental justice, and intergenerational equity to the extent that these considerations are not adequately captured through current methodologies by no later than June 1, 2022.

Additional information, including a draft interim values report, will be provided in advance of and at the first meeting of the Working Group.

The EO designates the following members of the Working Group, or their designees: the Secretary of the Treasury; the Secretary of the Interior; the Secretary of Agriculture; the Secretary of Commerce; the Secretary of Health and Human Services; the Secretary of Transportation; the Secretary of Energy; the Chair of the Council on Environmental Quality; the Administrator of the Environmental Protection Agency; the Assistant to the President and National Climate Advisor; and the Assistant to the President for Economic Policy and Director of the National Economic Council. The Working Group will be co-chaired by the Office of Science and Technology Policy, the Council of Economic Advisers, and the Office of Management and Budget in the Executive Office of the President.

Please identify your agency/office representative to the Working Group by no later than Tuesday, January 26, 2021, to the Chief of Staff of the Office of Science and Technology Policy

Ex. 6 Personal Privacy (PP)

From: Sanchez, Roque T. EOP/WHO Ex. 6 Personal Privacy (PP)

Sent: 2/24/2021 9:26:22 PM

To: Sanchez, Roque T. EOP/WHO Ex. 6 Personal Privacy (PP) McCarthy, Gina A. EOP/WHO

Ex. 6 Personal Privacy (PP) ; Zaidi, Ali A. EOP/WHO Ex. 6 Personal Privacy (PP) Deese, Brian C. EOP/WHO

Ex. 6 Personal Privacy (PP) Goffman, Joseph [Goffman.Joseph@epa.gov]; Butterworth, Zach Z. EOP/WHO

Ex. 6 Personal Privacy (PP)

Raymond, Courtenay (OST) [courtenay.raymond@dot.gov]; Thomas, Maggie M. EOP/WHO

Ex. 6 Personal Privacy (PP) Shulman, Sophie (OST) [Sophie.Shulman@dot.gov]; Meloski, Caitlin EOP/WHO

Ex. 6 Personal Privacy (PP)

Subject: Prep for Auto OEMs + Labor Meeting

Attachments: MEMO Automotive Industry 2021-02-24 1600.docx

Location: Ex. 6 Personal Privacy (PP)

Start: 2/24/2021 10:00:00 PM **End**: 2/24/2021 10:15:00 PM

Show Time As: Busy

Recurrence: (none)

This meeting is to prep for the roundtable with auto industry OEMs and labor groups, which will immediately follow in a separate Zoom meeting.

Run of show for meeting with manufacturers and unions:

- ZACH BUTTERWORTH will welcome and read out list of participants from administration, autos, and unions. He
 will invite GINA MCCARTHY to begin remarks for the administration, and note that we will take questions after
 administration officials speak, beginning with unions.
- GINA MCCARTHY will discuss job creation opportunities through standard setting (3-5 min.)
- **SEC. BUTTIGIEG** will discuss the imperative to modernize our transportation sector for climate and competitiveness (3-5 min.)
- BRIAN DEESE will discuss job creation opportunities through investment, including in the supply chain (3-5 min.)
- Discussion with manufacturer and labor participants (25 min.)
 - UAW Rory Gamble
 - Auto Innovators John Bozzella will introduce member company questions/topics
 - GM microchip shortage
 - Toyota EV transition/charging infrastructure
 - O BMW near term CAFE/GHG standards
 - Ford wrap about microchips, supply chain, electrification & innovation
 - O Tesla Responds
- BRIAN DEESE to wrap (2-3 min.)

Manifest:

CPO: Gina McCarthy, Ali Zaidi

NEC: Brian Deese

DOT: Secretary Buttigieg, Steve Cliff

EPA: Joe Goffman

Hi there,

Roque Sanchez (he/him) is inviting you to a scheduled ZoomGov meeting.

Join Zoom Meeting

Phone	US: Ex. 6 Personal Privacy (PP)	
one-tap: [Ex. 6 Personal Privacy (PP)	
Meeting [Ex. 6 Persor	al Privacy (PP)
URL:	,=========================	
Meeting ID: Passcode	Ex. 6 Personal Privacy (PP)	

Join by Telephone

For higher quality, dial a number based on your current location.

Dial:

Ex. 6 Personal Privacy (PP)

Meeting ID:

Passcode Ex. 6 Personal Privacy (PP)

International numbers

Join from an H.323/SIP room system

H.323:	Ex. 6 Personal Privacy (PP) (US West) (US East)	
Meeting	Ex. 6 Personal Privacy (PP)	
ID:	ii	
Passcode Ex. 6 Personal Privacy (PP)		
SIP:		
Passcode:	Ex. 6 Personal Privacy (PP)	

From: Goffman.Joseph@epa.gov [Goffman.Joseph@epa.gov]

Sent: 2/6/2021 4:16:28 PM

To: Lubetsky, Jonathan [Lubetsky.Jonathan@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]
CC: Burch, Julia [Burch.Julia@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Kocchi, Suzanne

[Kocchi.Suzanne@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Nunez, Alejandra

[Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]

Subject: Fwd: By 4 pm today: Review OCIR-drafted EPW QFR responses

Attachments: Program Table of Contents.docx; ALL Regan QFRs 2021-02-06 1100.docx

Here we go. Jonathan-Lead on. Thanks.

Sent from my iPhone

Begin forwarded message:

From: "Adhar, Radha" <Adhar.Radha@epa.gov> Date: February 6, 2021 at 11:13:18 AM EST

To: Leadership_Assistant_Administrators < Leadership_Assistant_Administrators@epa.gov>

Cc: "Richardson, RobinH" < Richardson. RobinH@epa.gov>, "Thundiyil, Karen"

<Thundiyil.Karen@epa.gov>, "Knapp, Kristien" <Knapp.Kristien@epa.gov>, "Moody, Christina" <Moody.Christina@epa.gov>, "Levine, Carolyn" <Levine.Carolyn@epa.gov>, "Haman, Patricia"

<Haman.Patricia@epa.gov>, "Kaiser, Sven-Erik" <Kaiser.Sven-Erik@epa.gov>

Subject: By 4 pm today: Review OCIR-drafted EPW QFR responses

Hey y'all,

Attached for your program is the set of Questions for the Record, along with OCIR-drafted responses. **We need your feedback by 4 pm this afternoon** in order to complete this process by Monday morning.

Pasted below and attached is a Table of Contents for the QFRs, which groups similar questions together and highlights the offices with equities in each question. Please concentrate review on your program's specific questions.

I defer to you for appropriate review and distribution within your programs, but I'll note that most responses are extremely high level, which reflect Secretary Regan's status as not yet an EPA employee. For QFRs in yellow, we are working in parallel to get specific input from Secretary Regan.

Please send your response (<u>in Track Changes</u>) to me, Robin Richardson and Matt Klasen, and OCIR will compile your comments as we move forward in the review process.

Please let Robin or me know if you have any questions or concerns, and thanks in advance for your help!

Thanks,

Radha

QFR Timeline

1. QFRs sent to EPA from the EPW committee (4pm on Friday 2/5)

- 2. OCIR screens QFRs, drafts responses (as appropriate), and identifies lead offices (afternoon/evening of Friday 2/5 using SharePoint)
- 3. OCIR distributes to offices (political and acting AAs) for review and additional drafting (as needed), with a request for AA level concurrence (distributed by OCIR late Friday/early Saturday; offices return to OCIR by 4pm on Saturday 2/6)
- 4. OCIR assembles responses (using SharePoint on Sat 2/6 from 4-6pm)
- 5. OGC Review (OCIR sends to OGC by 6pm on Saturday 2/6)
- 6. Chief of Staff Review (OGC to COS by 7am on Sunday 2/7)
- 7. Nominee Review (to Nominee by noon on 2/7)
- 8. White House Review (to WH by 5 on Sunday 2/7)
- 9. OCIR sends Secretary Regan's responses to the EPW committee (by 9:30 am on Monday 2/8)

Regan Confirmation - Program Table of Contents

Carper 1-4: LD/HFCs/Interstate Transport/Methane→OAR

Carper 5: PFAS→AO/OW

Carper 6: Scientific Integrity→ORD/OP

Carper 7: EJ→OP Carper 8: RFS→OAR

Note: Carper 9-12 are from Booker:

Carper 9: MATS →OAR

Carper 10; PM NAAQS/EJ→OAR/OP

Carper 11: TSCA→OCSPP

Carper 12: Methylene Chloride, TCE→OCSPP

Whitehouse 13: RFS/E-RINs→OAR Whitehouse 14: Nuclear→OAR Whitehouse 15: RFS/REGS→OAR

Kelly 16: PFAS→AO/OW/R9 Kelly 17: WOTUS→OW/R9

Kelly 18: Nogales Sewage→OW/OITA/R9

Kelly 19: Navajo Uranium Mines→OLEM/R9/OITA/OW

Kelly 20: NAAQS→OAR/R9

Kelly 21: Rio Reimagined→OW/R9

Padilla 22: Cal Waiver→ OAR

Padilla 23: Exide Site → OECA/R9

Padilla 24: PFAS→ AO/ORD/OW/R9

Padilla 25: DERA→ OAR/R9

Capito 26-29: EJ→OP

Capito 30: Regulatory Costs→OP

Capito 31: EJ Czar→OP

Capito 32-33: Jobs→OP

Capito 34: Enforcement → OECA

Capito 35: Jobs→OP

Capito 36: COVID Regulations → OP

Capito 37-38: EOs→OP/OAR

Capito 39: CPP→OAR/OCIR Oversight

Capito 40-47: Transparency→OP→OPA/OGC

Capito 48-50: Staffing→AO/OCIR

Capito 51-53: Ethics → OGC/OCIR Oversight

Capito 54-65, 67, 69: Regulations→OP + OAR on Capito 58 + OW on Capito 62 +ORD on Capito 65

Capito 66: FIP/SIP→OAR/OP/OCIR State+Local

Capito 67: Staffing→AO Capito 68-71: Enforcement→OECA Capito 72: WH Czars → AO/OCIR/OP/OPA Capito 73-83: Nominee Background→AO/OCIROCIR/OGC-Ethics Capito 84-92: WH Czars→AO/OCIR/OP/OPA Capito 93-106→SABSO/ORD/OGC +AO (Avi) for 104 Capito 107: Nuclear → OAR/OP Capito 108: LNT→OAR/OP/ORD Capito 109: SCC→OP Capito 110-124: Regs→OP +OGC for 122 Capito 125-135, 137: Paris/HFCs/LD/NAAQS/RFS→OAR Capito 136: Class 6→OW/OCFO Capito 138: CCUS and R/D→ORD/OP Capito 139: Air Pollution→OAR Capito 140: Goffman/McCarthy Role → AO/OCIR/OAR Capito 141-142: Jobs→OP Capito 143: Methane → OAR Capito 144: Innovation → ORD/OP Capito 145: EtO→OAR/ORD Capito 146-147: EOs→OP Capito 148-150 CPP→OAR Capito 151-153 NC & CPP→ OAR/OCIR Capito 154 MATS/CBA→OP/OAR Capito 155-160 RFS→OAR Capito 161: WOTUS→OW Capito 162-163: WOTUS/NC→OCIR/OW Capito 164: Ethics → OGC/OCIR Capito 165-170: WOTUS→OW Capito 171-195: Maui/WQS/WIFIA/Excess Nutrients & more→OW +172/R3 +182/OITA Capito 196-202: Superfund, CCR, Brownfields→OLEM/OCIR for 198 Capito 203: TSCA→OCSPP Capito 204-208: PFAS→AO/OW +OP for 207-208 Capito 209: PFAS→ AO/OLEM Capito 210: PFAS→ AO/ORD Capito 211: PFAS→AO/OCIR Barrasso 212-215: Regan NC→OCIR Barrasso 216: NRC MOU→OAR Barrasso 217-218: KXL→OP Barrasso 219-223: CCUS/USE IT→ORD/OCFO Barrasso 224: LD→OAR Barrasso 225: Natural Gas→OAR/OP Rounds 226: RFS→OAR Rounds 227: RFS→OAR Rounds 228: Car Standards → OAR Rounds 229: Oversight→OCIR Inhofe 230: Pipelines → OP/OW/OAR Inhofe 231: Natural Gas→OP/OAR Inhofe 232: 111(b) Report + Southwest Power Pool→OAR/OCFO Inhofe 233: EV Market→OAR Inhofe 234-236: RFS→OAR Inhofe 237: Nuclear Energy → OAR Inhofe 238: Methane rulemaking→OAR/OP Inhofe 239: Methane Voluntary Programs → OAR

Inhofe 240: CWA 401→OW

Inhofe 241: FIFRA→OCSPP

Inhofe 242: Pesticides + Ag→OCSPP
Inhofe 243: Small Water Utilities→OW

Inhofe 244: Mining Jobs→OP/OAR

Cramer 245: CWA 401→OW

Cramer 246: NSR→OAR

Cramer 247: Maui Guidance→OW

Cramer 248: Regulations, Federalism/BCA/SIPs→OP/OAR

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Cramer 251: WOTUS→OW

Cramer 252: CCUS/Pipelines→ORD/OAR

Boozman 253: Renewables, Reliability→OAR

Wicker 254: WOTUS/Ag→OW

Wicker 255: Mississippi MOU→R4/Ag/OCIR

Wicker 256: FIFRA→OCSPP

Wicker 257: Forest Products→OCSPP

Wicker 258: AWIA→OW Wicker 259: RFS→OAR

Sullivan 260: Natural Gas/Methane Regs→OAR/OP Sullivan 261: Natural Gas/Methane Regs→OAR/OP

Sullivan 262: EOs→OP

Sullivan 263: Critical Minerals/Energy→OAR/OP

Ernst 264: Biofuels → OAR

Ernst 265: McCarthy Role→OCIR/OP

Ernst 266: RFS→OAR

Ernst 267: Ag→OCSPP Ernst 268: Biogenic CO2→OAR

Ernst 269: PIPs→OCSPP Ernst 270: Ag→OCSPP

Ernst 271: RFS→OAR

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Carper 10; PM NAAQS/EJ→OAR/OP

Carper 11: TSCA→OCSPP

Carper 12: Methylene Chloride, TCE→OCSPP

Whitehouse 13: RFS/E-RINs→OAR Whitehouse 14: Nuclear→OAR Whitehouse 15: RFS/REGS→OAR

Kelly 16: PFAS→AO/OW/R9

Kelly 17: WOTUS→OW/R9

Kelly 18: Nogales Sewage→OW/OITA/R9

Kelly 19: Navajo Uranium Mines→OLEM/R9/OITA/OW

Kelly 20: NAAQS→OAR/R9

Kelly 21: Rio Reimagined→OW/R9

Padilla 22: Cal Waiver→ OAR

Padilla 23: Exide Site → OECA/R9

Padilla 24: PFAS→ AO/ORD/OW/R9

Padilla 25: DERA→ OAR/R9

Capito 26-29: EJ→OP

Capito 30: Regulatory Costs→OP

Capito 31: EJ Czar→OP

Capito 32-33: Jobs→OP

Capito 34: Enforcement →OECA

Capito 35: Jobs→OP

Capito 36: COVID Regulations → OP

Capito 37-38: EOs→OP/OAR

Capito 39: CPP→OAR/OCIR Oversight

Capito 40-47: Transparency→OP→OPA/OGC

Capito 48-50: Staffing→AO/OCIR

Capito 51-53: Ethics → OGC/OCIR Oversight

Capito 54-65, 67, 69: Regulations → OP + OAR on Capito 58 + OW on Capito 62 + ORD on Capito 65

Capito 66: FIP/SIP→OAR/OP/OCIR State+Local

Capito 67: Staffing→AO

Capito 68-71: Enforcement→OECA

Capito 72: WH Czars→AO/OCIR/OP/OPA

Capito 73-83: Nominee Background→AO/OCIROCIR/OGC-Ethics

Capito 84-92: WH Czars→AO/OCIR/OP/OPA

Capito 93-106→SABSO/ORD/OGC +AO (Avi) for 104

Capito 107: Nuclear → OAR/OP

Capito 108: LNT→OAR/OP/ORD

Capito 109: SCC→OP Capito 110-124: Regs→OP +OGC for 122 Capito 125-135, 137: Paris/HFCs/LD/NAAQS/RFS→OAR Capito 136: Class 6→OW/OCFO Capito 138: CCUS and R/D→ORD/OP Capito 139: Air Pollution→OAR Capito 140: Goffman/McCarthy Role→AO/OCIR/OAR Capito 141-142: Jobs→OP Capito 143: Methane → OAR Capito 144: Innovation→ORD/OP Capito 145: EtO→OAR/ORD Capito 146-147: EOs→OP Capito 148-150 CPP→OAR Capito 151-153 NC & CPP→ OAR/OCIR Capito 154 MATS/CBA→OP/OAR Capito 155-160 RFS→OAR Capito 161: WOTUS→OW Capito 162-163: WOTUS/NC→OCIR/OW Capito 164: Ethics→OGC/OCIR Capito 165-170: WOTUS→OW Capito 171-195: Maui/WQS/WIFIA/Excess Nutrients & more→OW +172/R3 +182/OITA Capito 196-202: Superfund, CCR, Brownfields → OLEM/OCIR for 198 Capito 203: TSCA→OCSPP Capito 204-208: PFAS→AO/OW +OP for 207-208 Capito 209: PFAS→ AO/OLEM Capito 210: PFAS→ AO/ORD Capito 211: PFAS→AO/OCIR Barrasso 212-215: Regan NC→OCIR Barrasso 216: NRC MOU→OAR Barrasso 217-218: KXL→OP Barrasso 219-223: CCUS/USE IT→ORD/OCFO Barrasso 224: LD→OAR Barrasso 225: Natural Gas→OAR/OP Rounds 226: RFS→OAR Rounds 227: RFS→OAR Rounds 228: Car Standards → OAR Rounds 229: Oversight→OCIR Inhofe 230: Pipelines → OP/OW/OAR Inhofe 231: Natural Gas→OP/OAR Inhofe 232: 111(b) Report + Southwest Power Pool→OAR/OCFO Inhofe 233: EV Market→OAR Inhofe 234-236: RFS→OAR Inhofe 237: Nuclear Energy→OAR Inhofe 238: Methane rulemaking→OAR/OP Inhofe 239: Methane Voluntary Programs → OAR

Inhofe 240: CWA 401→OW Inhofe 241: FIFRA→OCSPP

Inhofe 242: Pesticides + Ag→OCSPP

Inhofe 243: Small Water Utilities→OW Inhofe 244: Mining Jobs→OP/OAR

Cramer 245: CWA 401→OW

Cramer 246: NSR→OAR

Cramer 247: *Maui* Guidance→OW

Cramer 248: Regulations, Federalism/BCA/SIPs→OP/OAR

Cramer 249: CAA 111(d), Costs→OAR/OP

Cramer 250: Methane Regs → OAR/OP

Cramer 251: WOTUS→OW

Cramer 252: CCUS/Pipelines→ORD/OAR

Boozman 253: Renewables, Reliability→OAR

Wicker 254: WOTUS/Ag→OW

Wicker 255: Mississippi MOU→R4/Ag/OCIR

Wicker 256: FIFRA→OCSPP

Wicker 257: Forest Products→OCSPP

Wicker 258: AWIA→OW Wicker 259: RFS→OAR

Sullivan 260: Natural Gas/Methane Regs→OAR/OP Sullivan 261: Natural Gas/Methane Regs→OAR/OP

Sullivan 262: EOs→OP

Sullivan 263: Critical Minerals/Energy→OAR/OP

Ernst 264: Biofuels → OAR

Ernst 265: McCarthy Role → OCIR/OP

Ernst 266: RFS→OAR Ernst 267: Ag→OCSPP

Ernst 268: Biogenic CO2→OAR

Ernst 269: PIPs→OCSPP Ernst 270: Ag→OCSPP Ernst 271: RFS→OAR

From: Campbell, Ann [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B8C25A0C2FB648B6A947694A8492311E-CAMPBELL, ANN]

on behalf of Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/24/2021 11:20:32 PM BCC: Tsirigotis.Peter@epa.gov

Subject: 886979a5-dc61-4080-943d-08ecfbc8affc

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Manifest:

CPO: Gina McCarthy, Ali Zaidi

NEC: Brian Deese

DOT: Secretary Buttigieg, Steve Cliff

EPA: Joe Goffman



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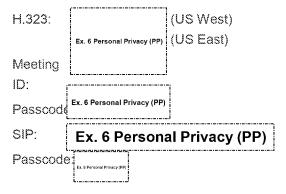
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From: Campbell, Ann [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

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Sent: 2/24/2021 11:20:31 PM **BCC**: Campbell.Ann@epa.gov

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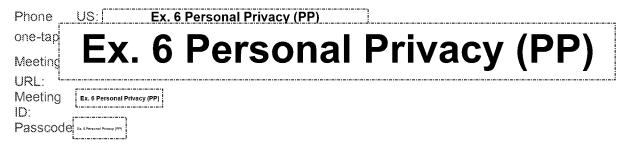
EPA: Joe Goffman



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(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/24/2021 10:01:40 PM **BCC**: Tsirigotis.Peter@epa.gov

Subject: 886979a5-dc61-4080-943d-08ecfbc8affc

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From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

Sent: 2/24/2021 9:26:42 PM BCC: Campbell.Ann@epa.gov

Subject: 886979a5-dc61-4080-943d-08ecfbc8affc

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Sent: 2/24/2021 9:26:42 PM

BCC: Dunham.Sarah@epa.gov; Hengst.Benjamin@epa.gov; Carbonell.Tomas@epa.gov; Kim.Eun@epa.gov;

Nunez.Alejandra@epa.gov; Cherepy.Andrea@epa.gov; Edwards.Jonathan@epa.gov; Kocchi.Suzanne@epa.gov; grundler.christopher@epa.gov; Koerber.Mike@epa.gov; Tsirigotis.Peter@epa.gov; DeLuca.Isabel@epa.gov;

Millett.John@epa.gov; Shoaff.John@epa.gov; Shaw.Betsy@epa.gov; Kabanda.Thierry@epa.gov;

rakosnik.delaney@epa.gov

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From: Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]

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BCC: Dunham.Sarah@epa.gov; Hengst.Benjamin@epa.gov; Carbonell.Tomas@epa.gov; Kim.Eun@epa.gov;

Nunez. Alejandra@epa.gov; Cherepy. Andrea@epa.gov; Edwards. Jonathan@epa.gov; Kocchi. Suzanne@epa.gov; grundler.christopher@epa.gov; Koerber. Mike@epa.gov; Tsirigotis. Peter@epa.gov; DeLuca. Isabel@epa.gov;

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